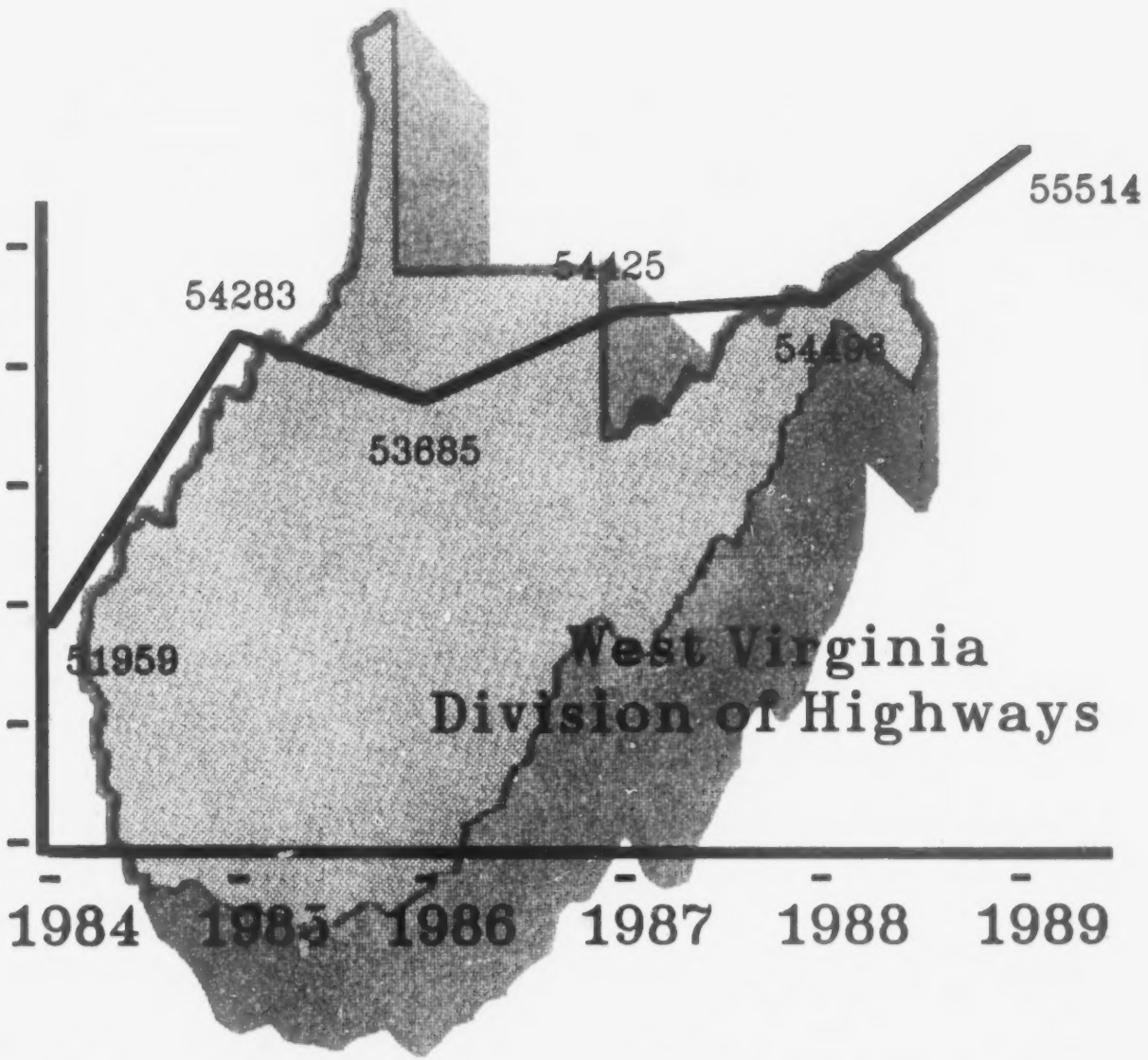
West Virginia Accident Data 1989



Gaston Caperton, Governor
Fred VanKirk, Acting Commissioner

WEST VIRGINIA DEPARTMENT OF HIGHWAYS
State Capitol Complex
Building Five
Charleston, West Virginia 25305

GASTON CAPERTON
GOVERNOR

FRED VANKIRK
ACTING COMMISSIONER
STATE HIGHWAY ENGINEER

April 20, 1990

TO USERS OF HIGHWAY ACCIDENT DATA:

The West Virginia Accident Data 1989 Report providing summarized findings and statistics of highway accidents is for your information and circulation. The information contained herein was prepared by personnel of the West Virginia Division of Highways based on information extracted from crash reports submitted to the West Virginia Division of Motor Vehicles. The tabulations were prepared by our Division using the Traffic Records Information System (TRIS) computer processing of data.

The Division sincerely hopes that publication of this material will be valuable in identifying and evaluating problems associated with highway safety; however, this report is only intended to serve as an information document. It is to be used as a basis for further study and is not to be construed as a listing of priorities or as a program of improvements.

Very truly yours,

Fred VanKirk
Acting Commissioner -
State Highway Engineer

FV:Kk

ACKNOWLEDGEMENT:

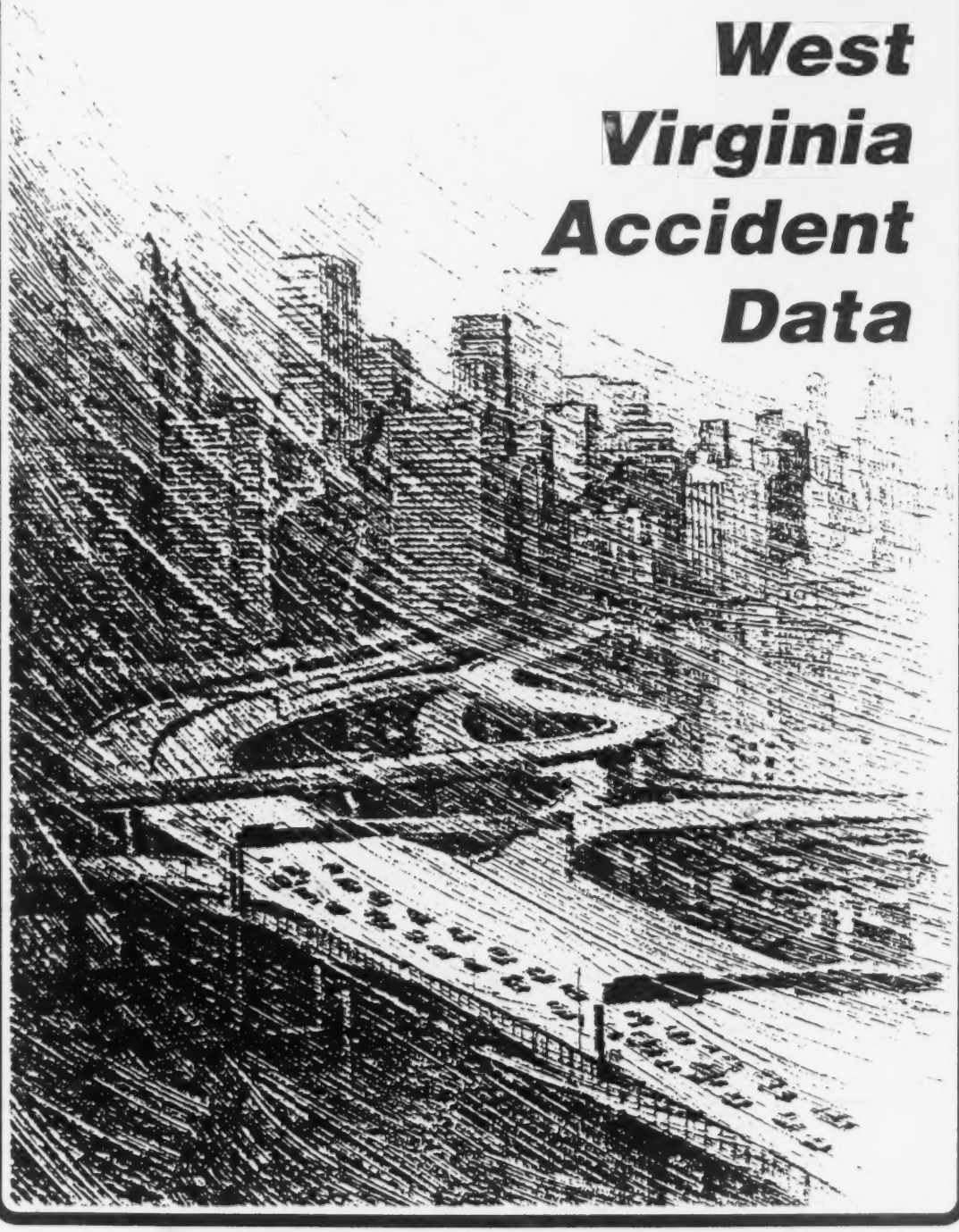
The West Virginia Division of Highways wishes to express appreciation to all law enforcement agencies and officers for their work in crash investigation which made this report possible. All information concerning West Virginia traffic crashes was taken from report forms provided by investigating officers and drivers involved in crashes.

COPIES OF THIS REPORT MAY BE OBTAINED FROM:

Traffic Engineering Division
West Virginia Division of Highways
State Capitol Complex, Building 5
Charleston, West Virginia 25305

Telephone: (304) 348-3063

1989 West Virginia Accident Data



1989

WEST VIRGINIA

Accident Data

West Virginia
Division of Highways

Fred VanKirk
Acting Commissioner

in cooperation with

U.S.
Department of Transportation

Federal Highway
Administration

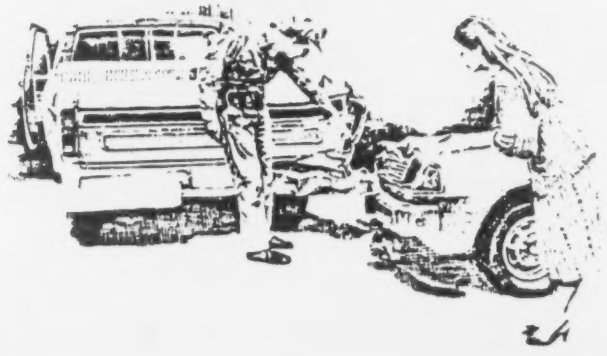


TABLE OF CONTENTS

		PAGE
I	COMMISSIONER'S EXPLANATORY NOTE	i
II	TABLE OF CONTENTS	v
III	GENERAL SUMMARY:	
	(A) 1989 CRASH SUMMARY	1
	(B) 1988-1989 COMPARISON	2
	(C) CRASHES BY COUNTY MAP	3
	(D) ECONOMIC LOSS BY COUNTY	4-5
	(E) CRASH TYPE	6
	(F) VEHICLE TYPE	6
	(G) CONTRIBUTING FACTORS	7
	(H) SPECIFIC LOCATION	7
	(I) TIME	8-9
	(J) ROADSIDE HAZARDS	10-12
	(K) SEAT BELT USAGE	13-14
	(L) DRIVERS AND OCCUPANTS	15-16
	(M) TYPE OF HIGHWAY	17
	(N) URBAN/RURAL	18
	(O) DATA SOURCE	19
	(P) ACCIDENT RATES	20
IV	65 MPH SPEED LIMIT	21
V	MOTORCYCLE DATA	22-25
VI	PEDESTRIAN DATA	26-27
VII	BICYCLE DATA	28-30
VIII	WORK ZONE CRASHES	31
IX	INTERSECTION CRASHES	32-33
X	CITY CRASH INFORMATION	34-36
XI	FATAL CRASH DATA:	
	(A) FATAL SUMMARY BY MONTH	37
	(B) FATAL SUMMARY BY HIGHWAY CLASSIFICATION	37
	(C) PERSONS KILLED BY COUNTY MAP	38
	(D) FATAL SUMMARY BY COUNTY	39
	(E) FATAL CALENDAR	40-51
	(F) ALCOHOL INVOLVEMENT BY TIME OF DAY	52-54
	(G) ALCOHOL INVOLVEMENT BY DRIVER AGE	53
	(G) DRIVERS AGE 16-24	55

1989 WEST VIRGINIA CRASH DATA

GENERAL SUMMARY

In 1989 as a result of Traffic Crashes in West Virginia there were:

CRASHES	55,514
FATALITIES	477
PEOPLE INJURED	28,353
PROPERTY DAMAGE	$136,182,846
* ECONOMIC LOSS	$1,367,553,000

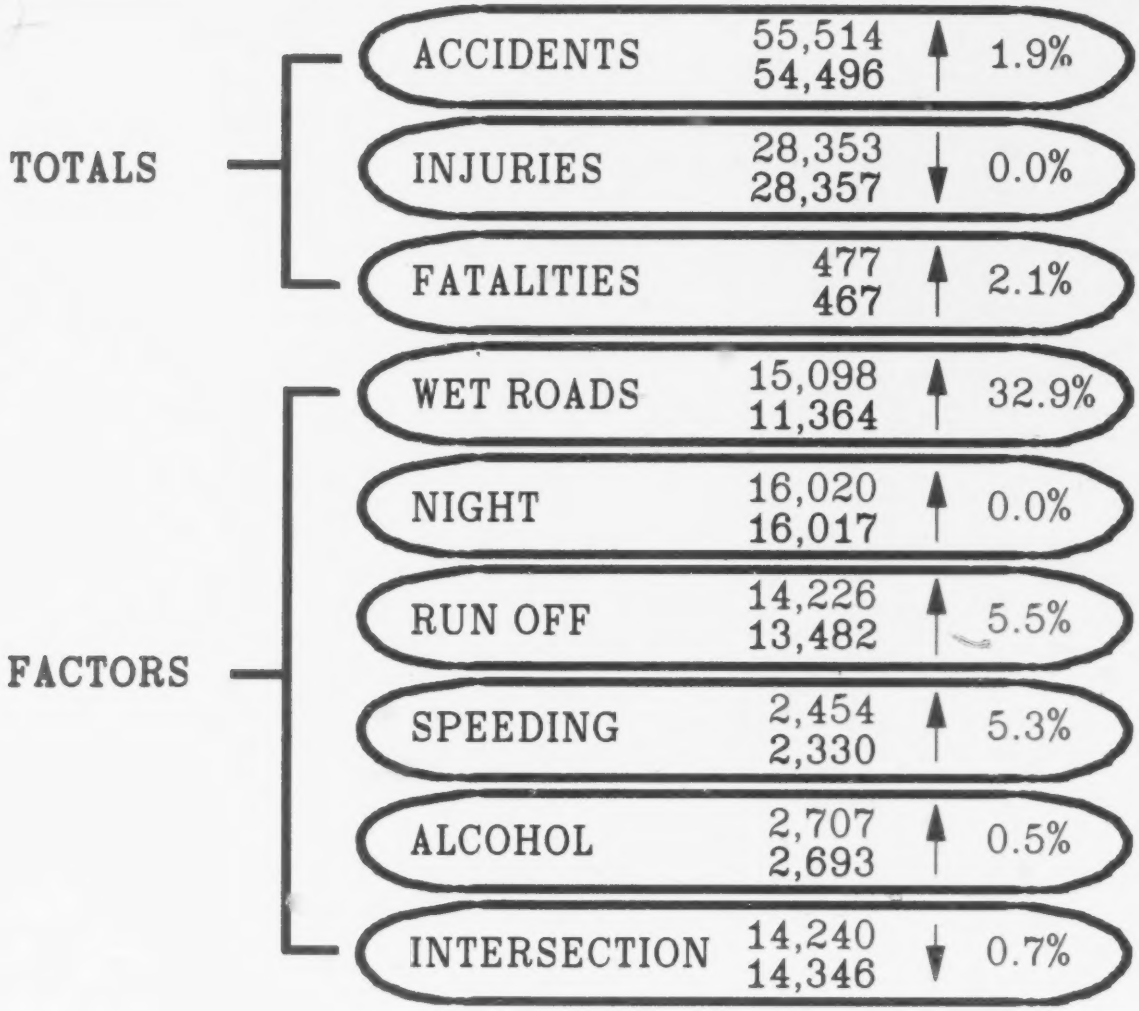
Currently in West Virginia there are:

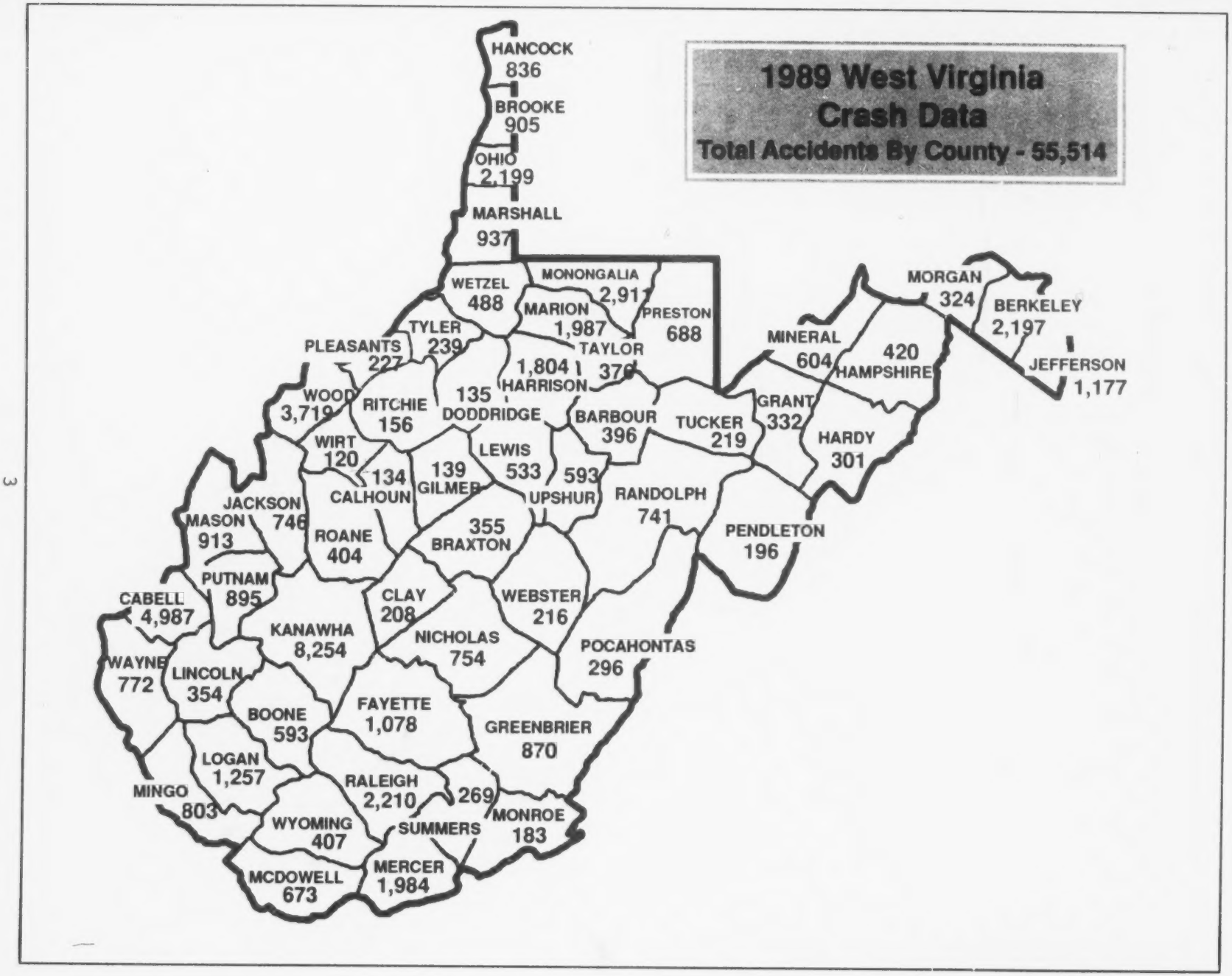
LICENSED DRIVERS	1,306,633
MOTOR VEHICLES REGISTERED	1,465,201

---

* (Based on Estimates by the Federal Highway Administration)
  1. Fatality - $1,500,000
  2. Injuries - A-$39,000
     B-$12,000
     C-$ 6,000
  3. PDO Crash- $3,000

1989 WEST VIRGINIA CRASH DATA
1989 SUMMARY




1989 West Virginia
Crash Data
Total Accidents By County - 55,514
HANCOCK
836
BROOKE
905
OHIO
2,199
MARSHALL
937
WETZEL
488
MONONGALIA
2,911
MARION
1,987
PRESTON
688
TYLER
239
PLEASANTS
227
TAYLOR
370
1,804
HARRISON
135
DODDRIDGE
WOOD
3,719
RITCHIE
156
WIRT
120
134
CALHOUN
139
GILMER
LEWIS
533
593
UPSHUR
BARBOUR
396
TUCKER
219
MINERAL
604
MORGAN
324
BERKELEY
2,197
420
HAMPSHIRE
JEFFERSON
1,177
GRANT
332
HARDY
301
JACKSON
746
MASON
913
ROANE
404
355
BRAXTON
RANDOLPH
741
PENDLETON
196
PUTNAM
895
CABELL
4,987
CLAY
208
WEBSTER
216
KANAWHA
8,254
NICHOLAS
754
POCAHONTAS
296
WAYNE
772
LINCOLN
354
BOONE
593
FAYETTE
1,078
GREENBRIER
870
LOGAN
1,257
MINGO
803
RALEIGH
2,210
269
WYOMING
407
SUMMERS
MONROE
183
MCDOWELL
673
MERCER
1,984

1989 WEST VIRGINIA CRASH DATA
ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	PROPERTY DAMAGE ONLY CRASHES	TOTAL ECONOMIC LOSS
BARBOUR	396	115	177	0	0	281	$4,644,000
BERKELEY	2,197	820	1,238	15	15	1,362	$51,702,000
BOONE	593	232	368	5	10	356	$23,499,000
BRAXTON	355	139	217	2	2	214	$8,442,000
BROOKE	905	241	357	1	1	663	$9,945,000
CABELL	4,987	1,247	1,800	13	16	3,727	$88,036,000
CALHOUN	134	45	72	4	6	85	$10,551,000
CLAY	208	97	160	4	5	107	$11,529,000
DODDRIDGE	135	48	75	2	2	85	$4,779,000
FAYETTE	1,078	405	654	10	10	663	$29,658,000
GILMER	139	45	75	2	2	92	$4,572,000
GRANT	332	140	209	3	3	189	$9,159,000
GREENBRIER	870	337	498	6	8	527	$22,626,000
HAMPSHIRE	420	189	303	12	14	219	$27,261,000
HANCOCK	836	293	426	4	4	539	$14,727,000
HARDY	301	144	237	7	7	150	$16,329,000
HARRISON	1,804	486	714	15	18	1,303	$40,155,000
JACKSON	746	241	364	9	14	496	$30,414,000
JEFFERSON	1,177	408	651	11	13	758	$36,018,000
KANAWHA	8,254	2,556	3,875	48	55	5,650	$173,268,000
LEWIS	533	155	245	4	4	374	$12,099,000
LINCOLN	354	170	273	4	4	180	$12,306,000
LOGAN	1,257	532	866	13	13	712	$39,282,000
MCDOWELL	673	254	439	10	12	409	$27,270,000
MARION	1,987	658	1,004	7	7	1,322	$33,954,000
MARSHALL	937	280	412	3	3	654	$14,478,000
MASON	913	280	403	9	9	624	$22,656,000
MERCER	1,984	800	1,310	21	26	1,163	$66,174,000
MINERAL	604	252	386	4	4	348	$14,391,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

1989 WEST VIRGINIA CRASH DATA
ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	PROPERTY DAMAGE ONLY CRASHES	TOTAL ECONOMIC LOSS
MINGO	803	320	531	11	13	472	$30,483,000
MONONGALIA	2,911	795	1,237	18	19	2,098	$57,591,000
MONROE	183	83	132	5	5	95	$10,398,000
MORGAN	324	119	200	8	8	197	$16,770,000
NICHOLAS	754	300	480	14	15	440	$33,720,000
OHIO	2,199	636	928	7	10	1,556	$36,255,000
PENDLETON	196	90	147	3	4	103	$9,417,000
PLEASANTS	227	66	102	1	1	160	$4,194,000
POCAHONTAS	296	109	166	1	1	186	$5,916,000
PRESTON	688	289	422	13	18	386	$36,612,000
PUTNAM	895	258	389	15	17	622	$34,545,000
RALEIGH	2,210	876	1,385	11	12	1,323	$48,123,000
RANDOLPH	741	252	406	4	7	485	$20,115,000
RITCHIE	156	44	86	2	4	110	$8,208,000
ROANE	404	132	182	4	5	268	$11,868,000
SUMMERS	269	106	167	3	3	160	$8,322,000
TAYLOR	376	136	227	3	3	237	$9,387,000
TUCKER	219	71	98	3	3	145	$6,951,000
TYLER	239	76	129	3	3	160	$7,848,000
UPSHUR	593	178	275	4	4	411	$12,234,000
WAYNE	772	295	486	13	14	464	$33,273,000
WEBSTER	216	60	92	3	3	153	$6,954,000
WETZEL	488	163	262	0	0	325	$6,108,000
WIRT	120	65	98	2	2	53	$5,139,000
WOOD	3,719	1,110	1,654	11	12	2,598	$54,690,000
WYOMING	407	155	266	5	6	247	$14,508,000
	55,514	18,393	28,353	415	477	36,706	$1,367,553,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

1989 WEST VIRGINIA CRASH DATA

Crash Type	Number	Percent
Rear End	10,822	19.5
Head On	2,258	4.1
Sideswipe - Same Direction	4,684	8.4
Sideswipe - Opposite Direction	4,034	7.3
Access Conflict	11,203	20.2
Run-Off	14,226	25.7
Pedestrian	689	1.2
Animal	1,469	2.6
Parked Vehicle	4,435	8.0
Train	52	0.1
Other	1,662	2.9
TOTAL	55,514	100.0

Vehicle Type	Number	Percent
Automobile	91,336	93.7
Truck	1,958	2.0
Semi	2,288	2.4
Motorcycle	586	0.6
Trailer	28	0.0
Commercial Bus	105	0.1
Equipment	112	0.1
Other	1,088	1.1
TOTAL	97,501	100.0

1989 WEST VIRGINIA CRASH DATA

Contributing Factors	Number	Percent
Exceeding Speed Limit	442	0.5
Exceeding Safe Speed	2,012	2.1
Improper Lane Change	1,502	1.5
Follows Too Close	1,819	1.9
Disregards Traffic Control	1,391	1.4
Didn't Have Right of Way	8,558	8.8
Didn't Have Control	17,712	18.2
Under Minimum Speed	36	0
No/Improper Signal	155	0.2
Turning Improperly	887	0.9
Passing Improperly	527	0.5
Parking Improperly	274	0.3
Backing Improperly	1,248	1.3
Avoiding Animal/Vehicle	1,158	1.2
Distraction in Vehicle	142	0.1
Walking Violation	13	0
Driver Under Influence	614	0.6
Pedestrian Under Influence	7	0
Slippery Pavement	1,733	1.8
Other Road Defects	169	0.2
Previous Accident	51	0.1
Mechanical Defect	479	0.5
None Noted	56,572	58.0
TOTAL	97,501	100.0

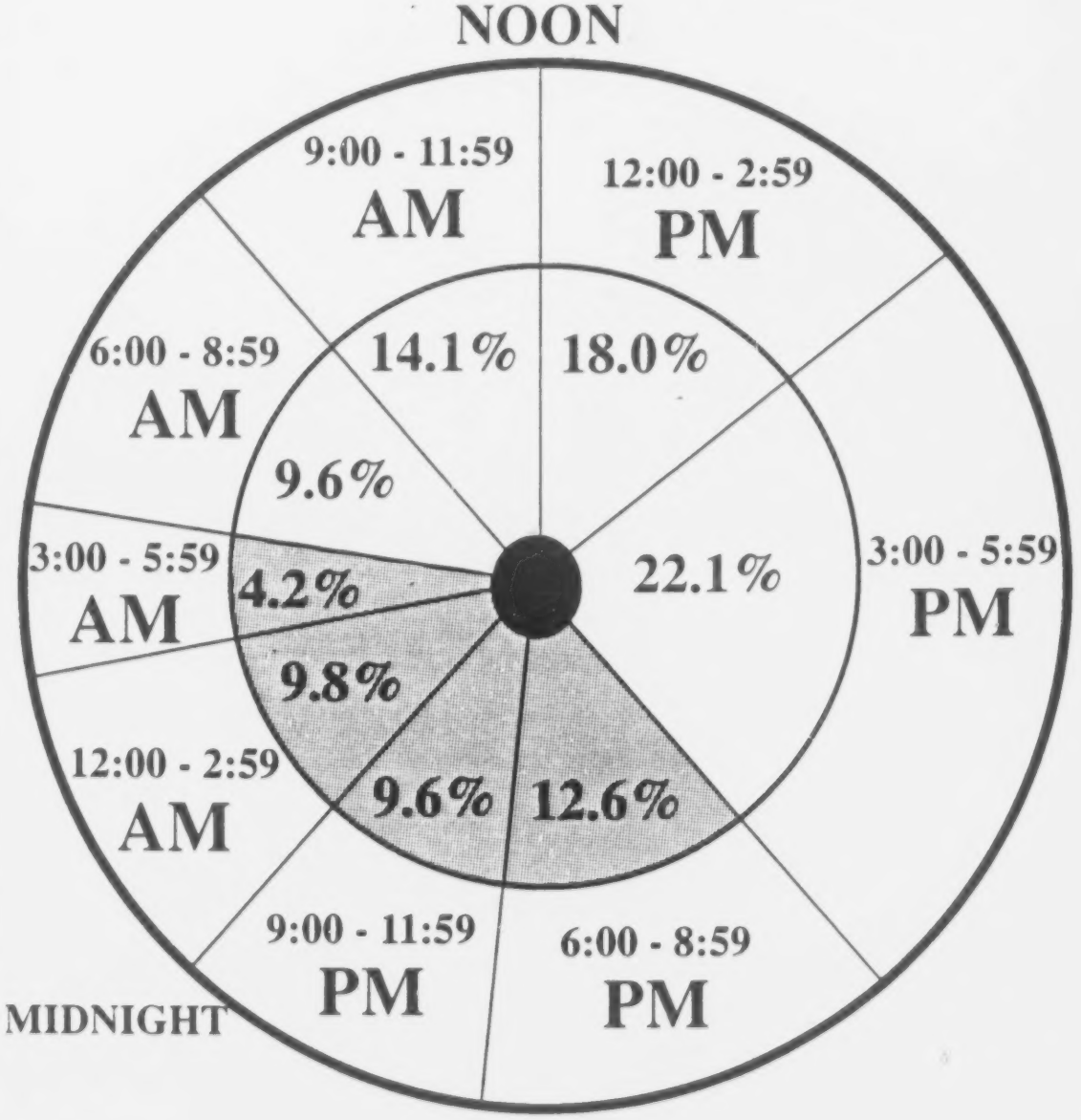
Specific Location	Number	Percent
Intersection	14,240	25.7
Commercial Drive	6,214	11.2
Private Drive	253	0.5
Bridge/Overpass	621	1.1
Underpass	57	0.1
Railroad Crossing	87	0.2
Lane Changes	0	0
Construction	773	1.4
None Noted	33,269	59.8
TOTAL	55,514	100.0

1989 WEST VIRGINIA CRASH DATA

Month of Year	Number	Percent
January	4,262	7.7
February	3,867	7.0
March	4,250	7.7
April	4,184	7.5
May	4,805	8.7
June	4,872	8.8
July	4,570	8.2
August	4,801	8.6
September	4,602	8.3
October	4.946	8.9
November	4,452	8.0
December	5,903	10.6
TOTAL	55,514	100.0

Day of Week	Number	Percent
Sunday	6,150	11.1
Monday	7,343	13.2
Tuesday	7,443	13.4
Wednesday	7,609	13.7
Thursday	7,674	13.8
Friday	10,433	18.8
Saturday	8,862	16.0
TOTAL	55,514	100.0

1989 West Virginia Crash Data
By Time of Day



1989 Total Accidents - 55,514

Denotes Hours of Darkness

1989 WEST VIRGINIA CRASH DATA

Fixed Object Struck	Number	Percent
Utility Pole	1,557	2.8
Tree	963	1.7
Guardrail	1,267	2.3
Fence/Walls	1,233	2.2
Median Barrier	76	0.1
Traffic Signs	461	0.8
Embankment	474	0.9
Bridge	303	0.5
Curb	33	0.1
Debris in Road	55	0.1
Mailbox	238	0.4
Fire Hydrant	59	0.1
Traffic Signal	21	0.0
Building	318	0.6
Gas Meter	50	0.1
Other	1,141	2.1
TOTAL	8,249	14.8

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY AGE AND SEX

TABLE OF AGE BY SEX

AGE / FREQUENCY / PERCENT	FEMALE	MALE	TOTAL
1-12	162	170	332
	1.17	1.23	2.40
13-19	1051	1901	2952
	7.60	13.76	21.36
20 TO 34	1869	4135	6004
	13.52	29.92	43.44
35 TO 44	772	1426	2198
	5.59	10.32	15.90
45 TO 54	353	728	1081
	2.55	5.27	7.82
55 TO 64	247	427	674
	1.79	3.09	4.88
65+	216	363	579
	1.56	2.63	4.19
TOTAL	4670	9150	13820
	33.79	66.21	100.00

FREQUENCY MISSING = 670

1989 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY OBJECTS STRUCK

TABLE OF OBJECT BY INJURY

OBJECT	INJURY					
FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
POLE	583 4.02	385 2.66	215 1.48	40 0.28	1003 6.92	2226 15.36
TREE	424 2.93	285 1.97	105 0.72	29 0.20	509 3.51	1352 9.33
GUARDRAIL	418 2.89	370 2.55	189 1.30	28 0.19	996 6.87	2001 13.81
WALLS	406 2.80	294 2.03	213 1.47	15 0.10	1186 8.19	2114 14.59
BARRIER	23 0.16	8 0.06	9 0.06	1 0.01	64 0.44	105 0.72
SIGNS	157 1.08	114 0.79	72 0.50	16 0.11	522 3.60	881 6.08
EMBANKMENT	136 0.94	148 1.02	72 0.50	6 0.04	243 1.68	605 4.18
BRIDGE	100 0.69	63 0.43	42 0.29	6 0.04	203 1.40	414 2.86
CURB	3 0.02	1 0.01	2 0.01	0 0.00	35 0.24	41 0.28
DEBRIS	6 0.04	5 0.03	8 0.06	1 0.01	62 0.43	82 0.57
OTHER	423 2.92	304 2.10	229 1.58	16 0.11	2493 17.21	3465 23.92
MAIL BOX	79 0.55	43 0.30	63 0.43	5 0.03	267 1.84	457 3.15
HYDRANT	16 0.11	15 0.10	11 0.08	1 0.01	69 0.48	112 0.77
SIGNAL	6 0.04	7 0.05	7 0.05	2 0.01	21 0.14	43 0.30
BUILDING	96 0.66	69 0.48	52 0.36	3 0.02	288 1.99	508 3.51
METER	8 0.06	13 0.09	6 0.04	1 0.01	54 0.37	82 0.57
TOTAL	2884 19.91	2124 14.66	1295 8.94	170 1.17	8015 55.32	14488 100.00

FREQUENCY MISSING = 2

1989 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY LIGHT AND HIGHWAY SURFACE

TABLE OF SURFACE BY LIGHT

SURFACE	LIGHT						
FREQUENCY / PERCENT	0	DAYLIGHT	DARK	LIGHTED	DUSK	DAWN	TOTAL
0	66 0.46	96 0.66	63 0.43	5 0.03	3 0.02	3 0.02	236 1.63
DRY	10 0.07	3735 25.78	3536 24.40	646 4.46	199 1.37	108 0.75	8234 56.83
WET	3 0.02	2142 14.78	1569 10.83	310 2.14	121 0.84	97 0.67	4242 29.28
SNOW, ICE	6 0.04	906 6.25	563 3.89	137 0.95	37 0.26	55 0.38	1704 11.76
MUDDY	1 0.01	18 0.12	13 0.09	1 0.01	0 0.00	1 0.01	34 0.23
HAZ MATRL	0 0.00	23 0.16	16 0.11	0 0.00	0 0.00	1 0.01	40 0.28
TOTAL	86 0.59	6920 47.76	5760 39.75	1099 7.58	360 2.48	265 1.83	14490 100.00

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME	INJURY					
FREQUENCY / PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT - 3 AM	560 3.87	355 2.45	197 1.36	44 0.30	1281 8.84	2437 16.82
3 AM - 6 AM	248 1.71	193 1.33	93 0.64	16 0.11	617 4.26	1167 8.05
6 AM - 9 AM	218 1.50	236 1.63	128 0.88	18 0.12	835 5.76	1435 9.90
9 AM - NOON	255 1.76	211 1.46	134 0.92	15 0.10	963 6.65	1578 10.89
NOON - 3 PM	309 2.13	265 1.83	182 1.26	13 0.09	925 6.38	1694 11.69
3 PM - 6 PM	427 2.95	304 2.10	224 1.55	18 0.12	1163 8.03	2136 14.74
6 PM - 9 PM	382 2.64	251 1.73	178 1.23	17 0.12	1146 7.91	1974 13.63
9 PM - MIDNIGHT	485 3.35	309 2.13	159 1.10	29 0.20	1085 7.49	2067 14.27
TOTAL	2884 19.91	2124 14.66	1295 8.94	170 1.17	8015 55.32	14488 100.00

FREQUENCY MISSING = 2

1989 WEST VIRGINIA CRASH DATA

Seat Belt Usage	Number	Percent
None Installed	1,736	1.7
Not Used	43,335	42.6
Lap Belt	4,204	4.1
Lap and Shoulder Belt	26,918	26.4
Unknown	25,695	25.2
TOTAL	101,888	100.0

SEATBELT USAGE OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY SEATBELT

AGE / SEATBELT FREQUENCY PERCENT	NO	YES	TOTAL
1 TO 8	595 0.79	535 0.71	1130 1.49
9 TO 15	1159 1.53	304 0.40	1463 1.93
16 TO 19	7988 10.56	3921 5.18	11909 15.74
20 TO 24	7385 9.76	4354 5.75	11739 15.51
25 TO 29	5650 7.47	3770 4.98	9420 12.45
30 TO 34	4790 6.33	3645 4.82	8435 11.15
35 TO 39	3952 5.22	3328 4.40	7280 9.62
40 TO 44	3190 4.22	2773 3.66	5963 7.88
45 TO 49	2135 2.82	1888 2.49	4023 5.32
50 TO 54	1733 2.29	1547 2.04	3280 4.33
55 TO 59	1477 1.95	1292 1.71	2769 3.66
60 TO 64	1393 1.84	1165 1.54	2558 3.38
65 TO 69	1176 1.55	989 1.31	2165 2.86
70 AND OLDER	2102 2.78	1439 1.90	3541 4.68
TOTAL	44725 59.10	30950 40.90	75675 100.00

FREQUENCY MISSING = 25429

1989 WEST VIRGINIA CRASH DATA

INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY SEATBELT USAGE

TABLE OF SEATBELT BY INJURY

SEATBELT INJURY

FREQUENCY / PERCENT / ROW PCT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
NO	6273	5160	5335	292	28005	45065
	8.23	6.77	7.00	0.38	36.76	59.15
	13.92	11.45	11.84	0.65	62.14	
YES	1801	2493	3752	50	23029	31125
	2.36	3.27	4.92	0.07	30.23	40.85
	5.79	8.01	12.05	0.16	73.99	
TOTAL	8074	7653	9087	342	51034	76190
	10.60	10.04	11.93	0.45	66.98	100.00

FREQUENCY MISSING = 24914

SEATBELT USAGE BY HIGHWAY CLASSIFICATION

TABLE OF CLASS BY SEATBELT

CLASS SEATBELT

FREQUENCY / PERCENT / ROW PCT	NO	YES	TOTAL
INTERSTATE	1573	2800	4373
	2.06	3.67	5.74
	35.97	64.03	
US	11947	9044	20991
	15.68	11.87	27.55
	56.91	43.09	
WV	13473	8847	22320
	17.68	11.61	29.29
	60.36	39.64	
COUNTY	10686	5427	16113
	14.02	7.12	21.15
	66.32	33.68	
CITY	6363	4483	10846
	8.35	5.88	14.23
	58.67	41.33	
OTHER	1029	527	1556
	1.35	0.69	2.04
	66.13	33.87	
TOTAL	45071	31128	76199
	59.15	40.85	100.00

FREQUENCY MISSING = 24905

1989 WEST VIRGINIA CRASH DATA

INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY INJURY

AGE / FREQUENCY / PERCENT	INJURY: BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
1 TO 8	329	478	357	16	21	1201
	0.34	0.50	0.37	0.02	0.02	1.25
9 TO 15	500	518	481	25	68	1592
	0.52	0.54	0.50	0.03	0.07	1.66
16 TO 19	1785	1600	1369	66	9784	14604
	1.86	1.67	1.43	0.07	10.22	15.25
20 TO 24	1522	1308	1379	63	10371	14643
	1.59	1.37	1.44	0.07	10.83	15.30
25 TO 29	1117	954	1110	47	8605	11833
	1.17	1.00	1.16	0.05	8.99	12.36
30 TO 34	874	728	998	47	8074	10721
	0.91	0.76	1.04	0.05	8.43	11.20
35 TO 39	704	632	887	34	7086	9343
	0.74	0.66	0.93	0.04	7.40	9.76
40 TO 44	572	476	808	24	5797	7677
	0.60	0.50	0.84	0.03	6.06	8.02
45 TO 49	415	329	531	23	3892	5190
	0.43	0.34	0.55	0.02	4.07	5.42
50 TO 54	300	279	436	17	3260	4292
	0.31	0.29	0.46	0.02	3.41	4.48
55 TO 59	250	220	397	9	2810	3686
	0.26	0.23	0.41	0.01	2.94	3.85
60 TO 64	250	210	362	16	2531	3369
	0.26	0.22	0.38	0.02	2.64	3.52
65 TO 69	208	175	308	17	2149	2857
	0.22	0.18	0.32	0.02	2.24	2.98
70 AND OLDER	429	302	408	34	3553	4726
	0.45	0.32	0.43	0.04	3.71	4.94
TOTAL	9255	8209	9831	438	68001	95734
	9.67	8.57	10.27	0.46	71.03	100.00

FREQUENCY MISSING = 5370

1989 WEST VIRGINIA CRASH DATA

SEX OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY SEX

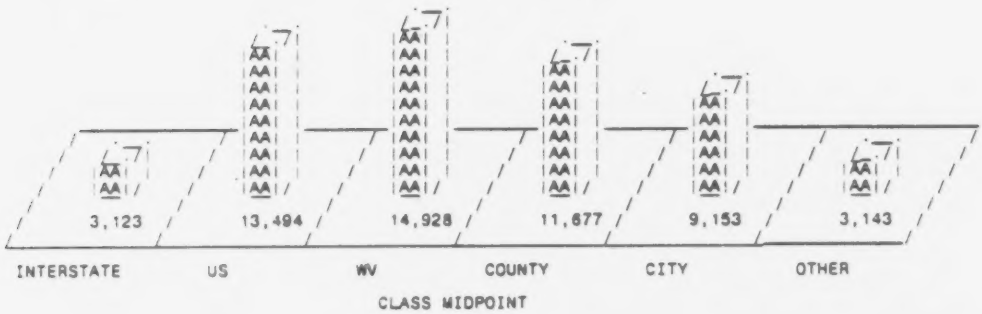
AGE / FREQUENCY / PERCENT	SEX: FEMALE	MALE	TOTAL
1 TO 8	614	588	1202
	0.64	0.62	1.26
9 TO 15	868	722	1590
	0.91	0.76	1.66
16 TO 19	5681	8905	14586
	5.94	9.32	15.26
20 TO 24	5354	9257	14611
	5.60	9.68	15.28
25 TO 29	4496	7316	11812
	4.70	7.65	12.36
30 TO 34	4183	6525	10708
	4.38	6.83	11.20
35 TO 39	3831	5500	9331
	4.01	5.75	9.76
40 TO 44	3044	4622	7666
	3.18	4.83	8.02
45 TO 49	2017	3165	5182
	2.11	3.31	5.42
50 TO 54	1666	2619	4285
	1.74	2.74	4.48
55 TO 59	1395	2284	3679
	1.46	2.39	3.85
60 TO 64	1278	2088	3366
	1.34	2.18	3.52
65 TO 69	1052	1803	2855
	1.10	1.89	2.99
70 AND OLDER	1781	2943	4724
	1.86	3.08	4.94
TOTAL	37260	58337	95597
	38.98	61.02	100.00

1989 WEST VIRGINIA CRASH DATA

TOTAL FOR STATE

BY TYPE OF HIGHWAY

BLOCK CHART OF CRASH SUMS



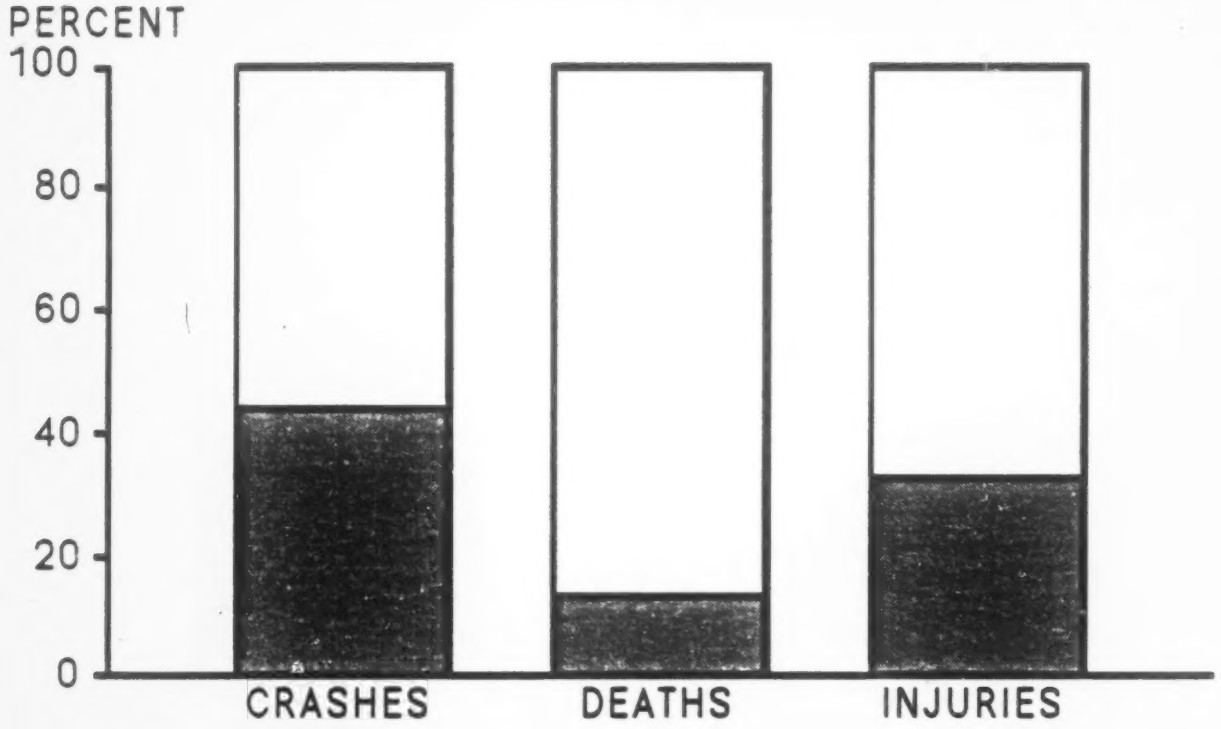
RURAL AREAS
BY TYPE OF HIGHWAY

PERCENTAGE BAR CHART

MIDPOINT CLASS		FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
INTERSTATE	AAAAAAAAAAAAAAA	2328	2328	7.54	7.54
US	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	7058	9386	22.85	30.39
WV	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	9631	19017	31.18	61.57
COUNTY	AAAAAAAAAAAAAAAAAAAA

1989 WEST VIRGINIA CRASH DATA

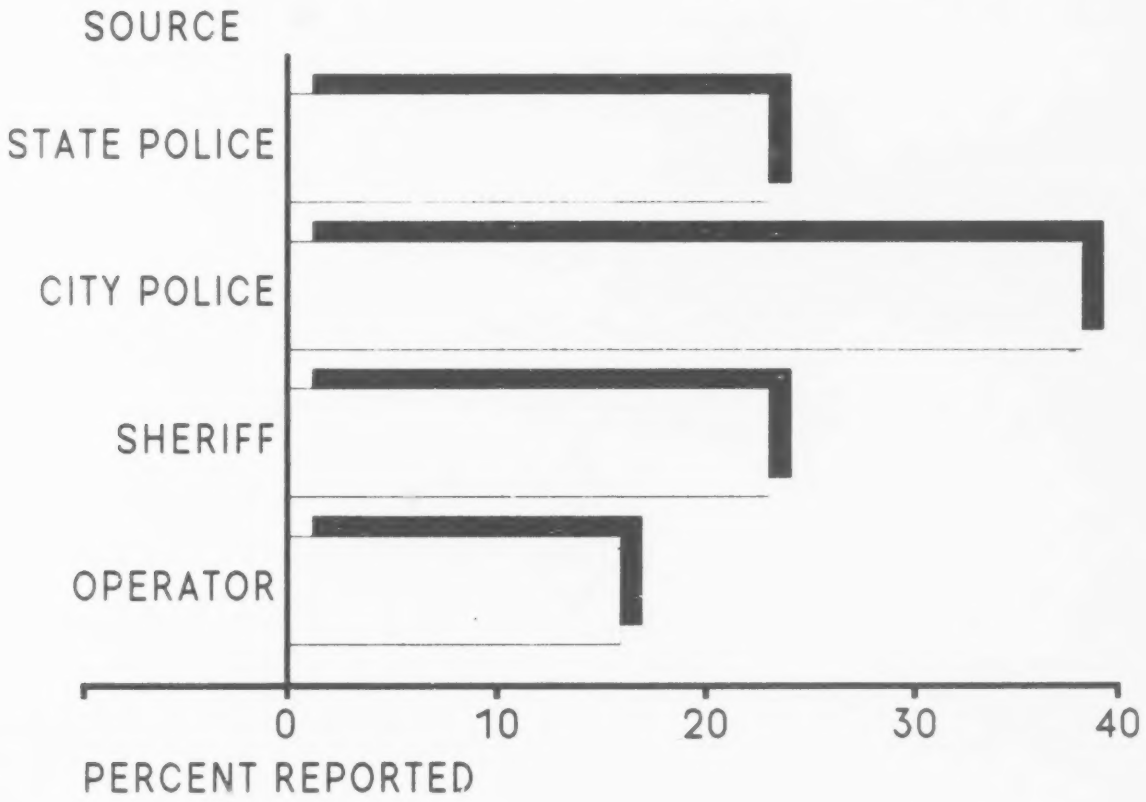
REPORTED ACCIDENTS BY LOCATION



55,514 Crashes - 477 Deaths - 28,353 Injuries

1989 WEST VIRGINIA CRASH DATA

REPORTED ACCIDENTS BY DATA SOURCE



1989 WEST VIRGINIA CRASH DATA

BASE CRASH RATES

1987 - 1989

Highway Type	*Rate Per HMVM
Rural Interstate	75
Urban Interstate	124
Rural Primary	296
Rural Primary - Two Lanes	304
Rural Primary - Two Lanes 16-17'	404
Rural Primary - Two Lanes 18-22'	307
Rural Primary - Two Lanes over 22'	254
Rural Primary - Four Lanes	154
Rural Primary - Four Lanes Controlled Access	119
Urban Primary	538
Urban Primary - Two Lanes	545
Urban Primary - Four Lanes	418
County Routes over 500 ADT	363
Rural County Routes over 500 ADT less than 16'	280
Rural County Routes over 500 ADT 16-17'	372
Rural County Routes over 500 ADT 18-22'	378
Urban County Routes over 500 ADT - Two Lanes	353
County Routes Less than 500 ADT	653

* 3-Year Crash Rate Per Hundred Million Vehicle Miles

1989 WEST VIRGINIA CRASH DATA
HIGHWAY SEGMENTS WITH 65MPH SPEED LIMIT

HIGHWAY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	ECONOMIC* LOSS
I-64 WEST	538	204	289	9	10	$21,369,000
I-64 EAST	213	72	107	1	1	$4,188,000
I-70	52	20	31	2	4	$6,795,000
I-77 SOUTH	57	26	40	1	1	$2,436,000
I-77 TURNPIKE	327	149	222	4	4	$11,028,000
I-77 NORTH	364	147	235	9	12	$24,339,000
I-79	696	290	438	13	14	$30,939,000
I-81	178	69	96	3	3	$6,993,000
US 48	124	60	97	4	6	$11,472,000
	2,549	1,037	1,555	46	55	$119,559,000

65 MPH HIGHWAY SEGMENTS
BY TIME OF DAY

PERCENTAGE BAR CHART

TIME	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
MIDNIGHT - 3 AM	269	269	10.55	10.55
3 AM - 6 AM	178	447	6.98	17.54
6 AM - 9 AM	314	761	12.32	29.85
9 AM - NOON	365	1126	14.32	44.17
NOON - 3 PM	396	1522	15.54	59.71
3 PM - 6 PM	459	1981	18.01	77.72
6 PM - 9 PM	316	2297	12.40	90.11
9 PM - MIDNIGHT	252	2549	9.89	100.00

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

PERCENTAGE

65 MPH HIGHWAY SEGMENTS
BY TYPE OF CRASH

PERCENTAGE BAR CHART

ACCTYPE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
REAR END	502	502	19.69	19.69
HEAD ON	45	547	1.77	21.46
SIDESWIPE SD	315	862	12.36	33.82
ACCESS CONFLICT	55	917	2.16	35.97
FIXED OBJECT	710	1627	27.85	63.83
OTHER	298	1925	11.69	75.52
HIT PARKED VEH	48	1973	1.88	77.40
RAN OFF ROAD	366	2339	14.36	91.76
OVERTURNED	210	2549	8.24	100.00

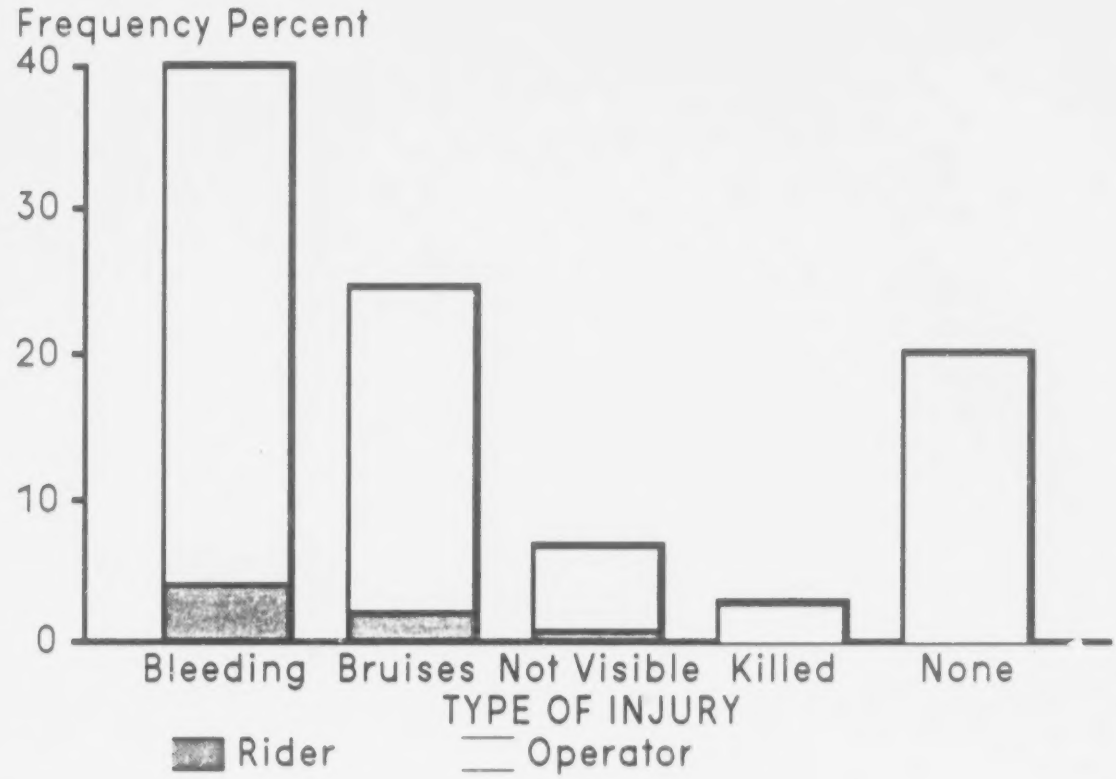
2 4 6 8 10 12 14 16 18 20 22 24 26 28

PERCENTAGE

ECONOMIC LOSS*
*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1 FATALITY-$1,500,000
2 INJURIES A-$39,000 B-$12,000 C-$6,000
3 PDO ACC -$3,000

1989 WEST VIRGINIA CRASH DATA

INJURY SEVERITY OF MOTORCYCLE OPERATORS AND RIDERS



1989 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF MOTORCYCLIST INJURIES
BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME / INJURY FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT - 3 AM	31 4.74	12 1.83	4 0.61	4 0.61	13 1.99	64 9.79
3 AM - 6 AM	10 1.53	2 0.31	0 0.00	0 0.00	2 0.31	14 2.14
6 AM - 9 AM	10 1.53	7 1.07	4 0.61	0 0.00	7 1.07	28 4.28
9 AM - NOON	25 3.82	18 2.75	9 1.38	2 0.31	17 2.60	71 10.86
NOON - 3 PM	55 8.41	34 5.20	6 0.92	3 0.46	26 3.98	124 18.96
3 PM - 6 PM	57 8.72	44 6.73	7 1.07	3 0.46	28 4.28	139 21.25
6 PM - 9 PM	71 10.86	31 4.74	9 1.38	5 0.76	25 3.82	141 21.56
9 PM - MIDNIGHT	36 5.50	13 1.99	7 1.07	4 0.61	13 1.99	73 11.16
TOTAL	295 45.11	161 24.62	46 7.03	21 3.21	131 20.03	654 100.00

DISTRIBUTION OF MOTORCYCLIST INJURIES
BY MONTH

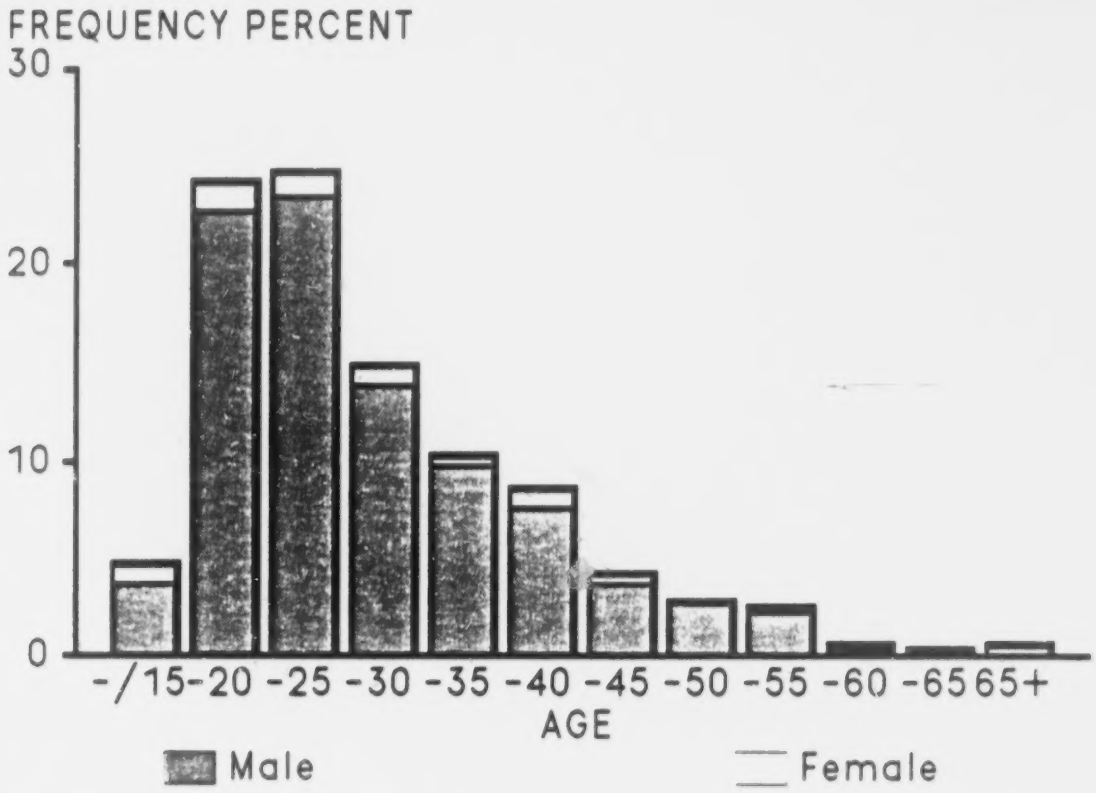
TABLE OF MONTH BY INJURY

MONTH / INJURY FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
JANUARY	5 0.76	1 0.15	1 0.15	1 0.15	1 0.15	9 1 38
FEBRUARY	5 0.76	2 0.31	1 0.15	0 0.00	4 0.61	12 1.83
MARCH	18 2.75	6 0.92	4 0.61	1 0.15	7 1.07	36 5.50
APRIL	17 2.60	15 2.29	8 1.22	0 0.00	10 1.53	50 7.65
MAY	39 5.96	18 2.75	4 0.61	3 0.46	16 2.45	80 12.23
JUNE	44 6.73	29 4.43	6 0.92	5 0.76	19 2.91	103 15.75
JULY	42 6.42	36 5.50	7 1.07	2 0.31	28 4.28	115 17.58
AUGUST	50 7.65	25 3.82	8 1.22	4 0.61	17 2.60	104 15.90
SEPTEMBER	32 4.89	10 1.53	4 0.61	1 0.15	15 2.29	62 9.48
OCTOBER	32 4.89	14 2.14	3 0.46	3 0.46	7 1.07	59 9.02
NOVEMBER	7 1.07	3 0.46	0 0.00	1 0.15	6 0.92	17 2.60
DECEMBER	4 0.61	2 0.31	0 0.00	0 0.00	1 0.15	7 1.07
TOTAL	295 45.11	161 24.62	46 7.03	21 3.21	131 20.03	654 100.00

FREQUENCY MISSING = 1

1989 WEST VIRGINIA CRASH DATA

AGE AND SEX OF MOTORCYCLE OPERATORS AND RIDERS



1989 WEST VIRGINIA CRASH DATA

AGE AND SEX OF MOTORCYCLE OPERATORS AND RIDERS

TABLE OF AGE BY SEX

AGE FREQUENCY PERCENT	SEX FEMALE	MALE	TOTAL
15 AND YOUNGER	6 0.96	25 4.02	31 4.98
16 TO 19	9 1.45	142 22.83	151 24.28
20 TO 24	7 1.13	146 23.47	153 24.60
25 TO 29	6 0.96	87 13.99	93 14.95
30 TO 34	4 0.64	61 9.81	65 10.45
35 TO 39	6 0.96	48 7.72	54 8.68
40 TO 44	3 0.48	24 3.86	27 4.34
45 TO 49	0 0.00	18 2.89	18 2.89
50 TO 54	2 0.32	15 2.41	17 2.73
55 TO 59	2 0.32	3 0.48	5 0.80
60 TO 64	0 0.00	3 0.48	3 0.48
65 AND OLDER	0 0.00	5 0.80	5 0.80
TOTAL	45 7.23	577 92.77	622 100.00

FREQUENCY MISSING = 33

INJURY SEVERITY OF MOTORCYCLE OPERATORS AND RIDERS

TABLE OF INJURY BY SEAT

INJURY FREQUENCY PERCENT	SEAT RIDER	OPERATOR	TOTAL
A BLEEDING	29 4.43	266 40.67	295 45.11
B BRUISES	16 2.45	145 22.17	161 24.62
C NOT VISIBLE	7 1.07	39 5.96	46 7.03
K KILLED	1 0.15	20 3.06	21 3.21
O NO INJURY	0 0.00	131 20.03	131 20.03
TOTAL	53 8.10	601 91.90	654 100.00

FREQUENCY MISSING = 1

1989 WEST VIRGINIA CRASH DATA

SEX OF PEDESTRIANS BY AGE

TABLE OF AGE BY SEX

AGE / FREQUENCY / PERCENT	FEMALE	MALE	TOTAL
1 TO 9	42	113	155
	5.73	15.42	21.15
10 TO 19	74	181	255
	10.10	24.69	34.79
20 TO 34	45	90	135
	6.14	12.28	18.42
35 TO 64	46	88	134
	6.28	12.01	18.28
65 AND OLDER	24	30	54
	3.27	4.09	7.37
TOTAL	231	502	733
	31.51	68.49	100.00

FREQUENCY MISSING = 59

INJURY SEVERITY OF PEDESTRIANS BY AGE

TABLE OF AGE BY INJURY

AGE / FREQUENCY / PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
1 TO 9	68	60	20	1	5	154
	9.29	8.20	2.73	0.14	0.68	21.04
10 TO 19	108	86	36	6	19	255
	14.75	11.75	4.92	0.82	2.60	34.84
20 TO 34	48	45	22	11	10	136
	6.56	6.15	3.01	1.50	1.37	18.58
35 TO 64	58	36	21	11	7	133
	7.92	4.92	2.87	1.50	0.96	18.17
65 AND OLDER	27	4	10	10	3	54
	3.69	0.55	1.37	1.37	0.41	7.38
TOTAL	309	231	109	39	44	732
	42.21	31.56	14.89	5.33	6.01	100.00

FREQUENCY MISSING = 60

1989 WEST VIRGINIA CRASH DATA

DISTRIBUTION OF PEDESTRIAN INJURIES
BY TIME OF DAY

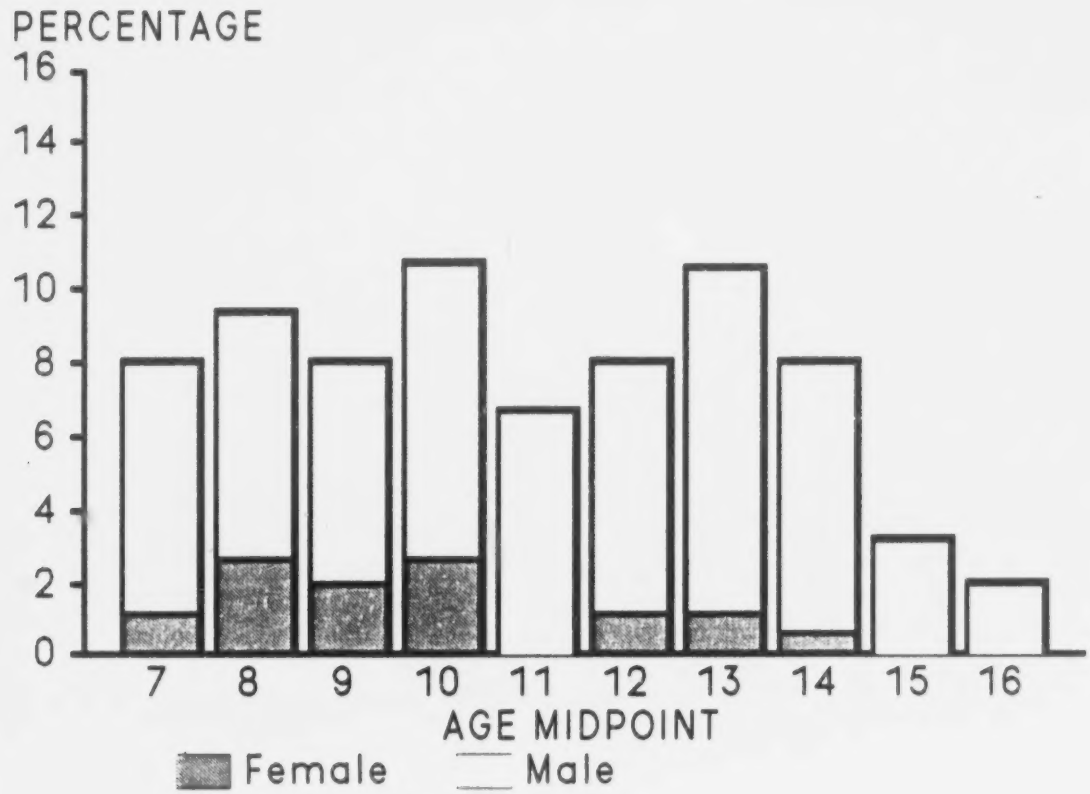
TABLE OF TIME BY INJURY

TIME / FREQUENCY / PERCENT	INJURY: BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT - 3 AM	27	18	11	7	4	67
	3.42	2.28	1.39	0.89	0.51	8.49
3 AM - 6 AM	4	2	1	2	3	12
	0.51	0.25	0.13	0.25	0.38	1.52
6 AM - 9 AM	20	16	10	2	2	50
	2.53	2.03	1.27	0.25	0.25	6.34
9 AM - NOON	32	31	10	3	8	84
	4.06	3.93	1.27	0.38	1.01	10.65
NOON - 3 PM	50	46	26	3	9	134
	6.34	5.83	3.30	0.38	1.14	16.98
3 PM - 6 PM	102	70	35	8	19	234
	12.93	8.87	4.44	1.01	2.41	29.66
6 PM - 9 PM	54	40	18	7	12	131
	6.84	5.07	2.28	0.89	1.52	16.60
9 PM - MIDNIGHT	35	18	11	7	6	77
	4.44	2.28	1.39	0.89	0.76	9.76
TOTAL	324	241	122	39	63	789
	41.06	30.54	15.46	4.94	7.98	100.00

FREQUENCY MISSING = 3

1989 WEST VIRGINIA CRASH DATA

SEX OF BICYCLIST - AGES 7-16



1989 WEST VIRGINIA CRASH DATA

SEX OF BICYCLIST BY AGE

TABLE OF AGE BY SEX

AGE FREQUENCY PERCENT	SEX FEMALE	MALE	TOTAL
5	1 0.67	0 0.00	1 0.67
6	0 0.00	6 4.00	6 4.00
7	2 1.33	10 6.67	12 8.00
8	4 2.67	10 6.67	14 9.33
9	3 2.00	9 6.00	12 8.00
10	4 2.67	12 8.00	16 10.67
11	0 0.00	10 6.67	10 6.67
12	2 1.33	10 6.67	12 8.00
13	2 1.33	14 9.33	16 10.67
14	1 0.67	11 7.33	12 8.00
15	0 0.00	5 3.33	5 3.33
16	0 0.00	3 2.00	3 2.00
17	1 0.67	6 4.00	7 4.67
18	0 0.00	1 0.67	1 0.67
19	0 0.00	2 1.33	2 1.33
20 TO 24	2 1.33	11 7.33	13 8.67
25 AND OLDER	1 0.67	7 4.67	8 5.33
TOTAL	23 15.33	127 84.67	150 100.00

FREQUENCY MISSING = 11

1989 WEST VIRGINIA CRASH DATA
DISTRIBUTION OF BICYCLIST INJURIES
BY TIME OF DAY

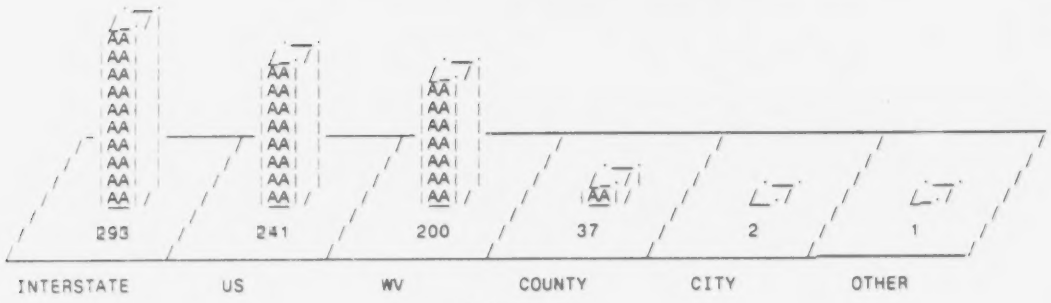
TABLE OF TIME BY INJURY

TIME	INJURY				
FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	NO INJURY	TOTAL
MIDNIGHT - 3 AM	1 0.63	7 4.38	1 0.63	1 0.63	10 6.25
3 AM - 6 AM	0 0.00	0 0.00	1 0.63	1 0.63	2 1.25
6 AM - 9 AM	2 1.25	2 1.25	0 0.00	2 1.25	6 3.75
9 AM - NOON	2 1.25	7 4.38	1 0.63	3 1.88	13 8.13
NOON - 3 PM	9 5.63	14 8.75	5 3.13	4 2.50	32 20.00
3 PM - 6 PM	25 15.63	18 11.25	7 4.38	7 4.38	57 35.63
6 PM - 9 PM	16 10.00	10 6.25	4 2.50	3 1.88	33 20.63
9 PM - MIDNIGHT	2 1.25	2 1.25	1 0.63	2 1.25	7 4.38
TOTAL	57 35.63	60 37.50	20 12.50	23 14.38	160 100.00

FREQUENCY MISSING = 1

1989 WEST VIRGINIA CRASH DATA
WORK ZONE CRASHES
BY HIGHWAY CLASSIFICATION

BLOCK CHART OF CRASH SUMS



WORK ZONE CRASHES
TIME OF DAY

PERCENTAGE BAR CHART

TIME	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
MIDNIGHT - 3 AM	87	87	11.24	11.24
3 AM - 6 AM	29	116	3.75	14.99
6 AM - 9 AM	82	198	10.59	25.58
9 AM - NOON	95	293	12.27	37.86
NOON - 3 PM	145	438	18.73	56.59
3 PM - 6 PM	189	627	24.42	81.01
6 PM - 9 PM	89	716	11.50	92.51
9 PM - MIDNIGHT	58	774	7.49	100.00

2 4 6 8 10 12 14 16 18 20 22 24

PERCENTAGE

WORK ZONE CRASHES
BY TYPE OF CRASH

PERCENTAGE BAR CHART

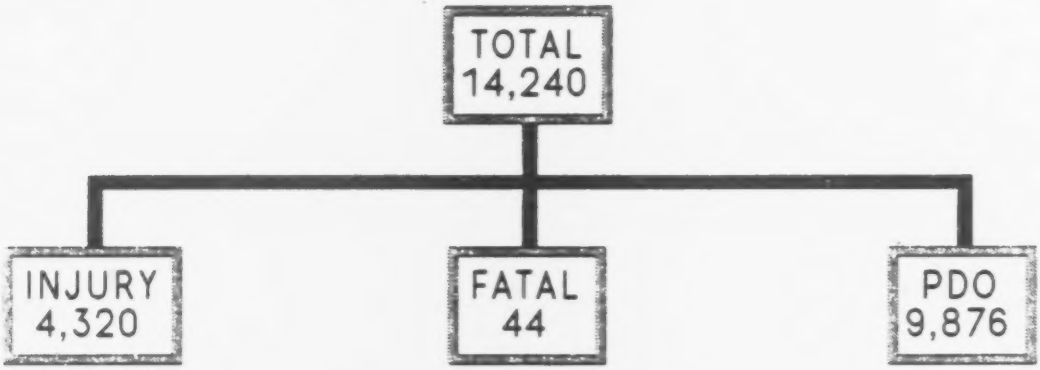
ACCTYPE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
REAR END	350	350	45.22	45.22
HEAD ON	34	384	4.39	49.61
SIDESWIPE SD	59	443	7.62	57.24
ACCESS CONFLICT	121	564	15.63	72.87
FIXED OBJECT	107	671	13.82	86.69
HIT PEDESTRIAN	9	680	1.16	87.86
OTHER	36	716	4.65	92.51
HIT PARKED VEH	10	726	1.29	93.80
RAN OFF ROAD	48	774	6.20	100.00

3 6 9 12 15 18 21 24 27 30 33 36 39 42 45

PERCENTAGE

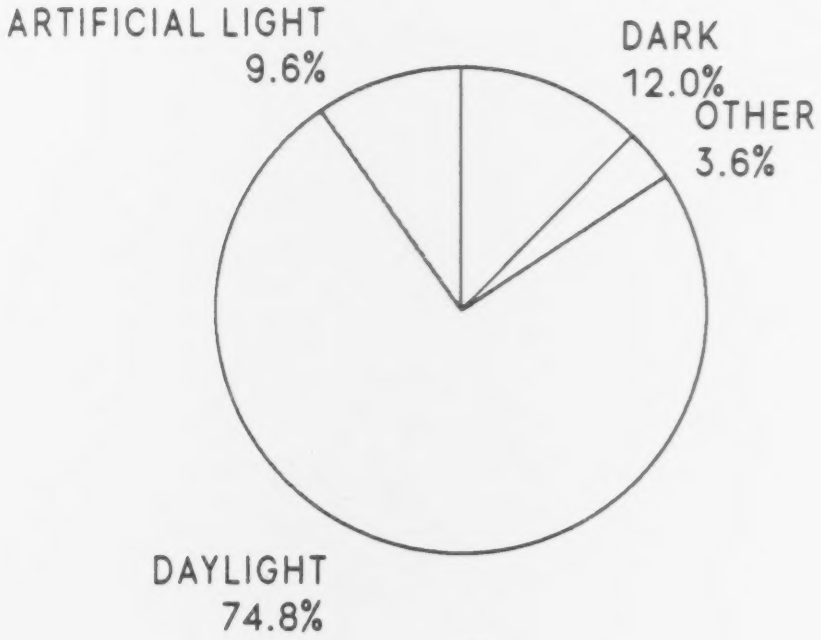
1989 WEST VIRGINIA CRASH DATA

INTERSECTION CRASHES



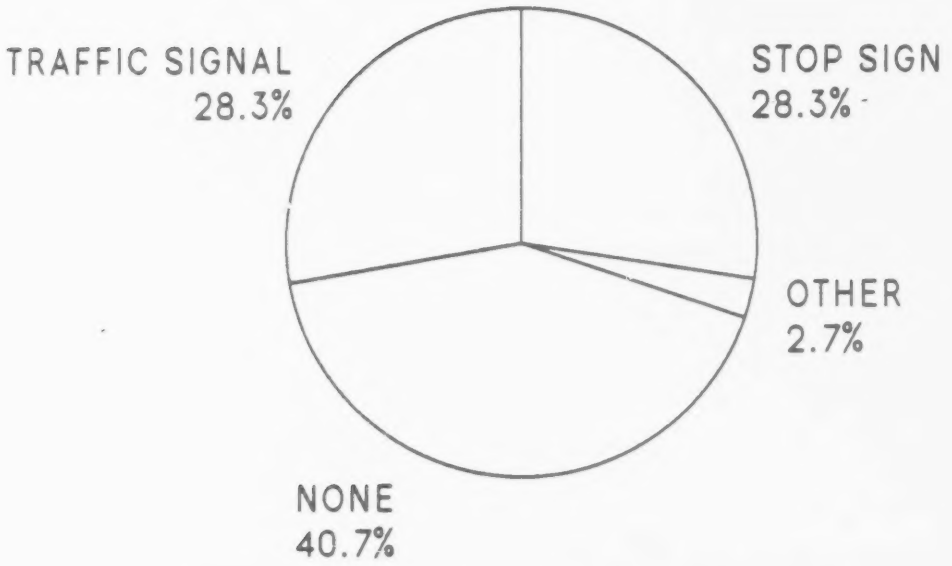
INTERSECTION CRASHES

BY LIGHT CONDITION

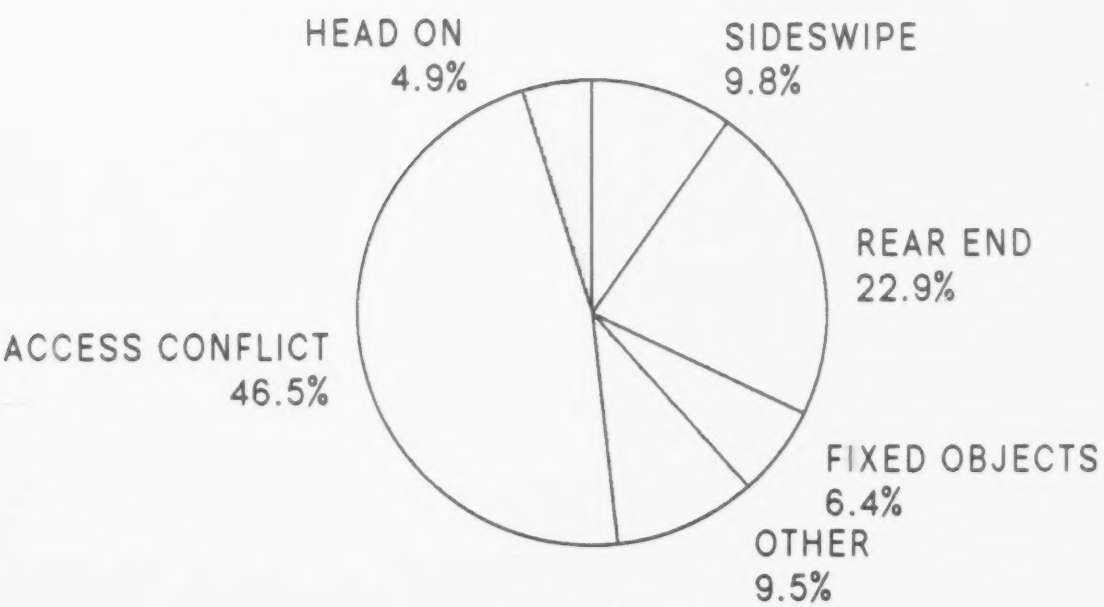


1989 WEST VIRGINIA CRASH DATA

INTERSECTION CRASHES
By Traffic Control



INTERSECTION CRASHES
BY TYPE OF COLLISION



1989 WEST VIRGINIA CRASH DATA
CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 2,500 - 5,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BARBOURSVILLE	3,210	76	237	22	0	34	2	6
BETHLEHEM	3,020	62	205	24	0	32	1	3
CHARLES TOWN	3,170	155	489	46	0	22	6	19
CHESTER	3,190	33	103	10	0	5	2	6
FOLLANSBEE	3,850	125	325	31	0	43	3	8
HINTON	3,900	36	92	15	0	24	1	3
HURRICANE	4,530	98	216	16	0	21	0	0
KENOVA	3,950	63	159	20	0	8	1	3
KINGWOOD	2,670	60	225	15	0	20	0	0
LEWISBURG	3,230	83	257	31	0	29	0	0
LOGAN	2,630	103	392	28	0	23	0	0
MADISON	3,070	92	300	31	0	22	1	3
MANNINGTON	3,020	34	113	9	0	14	0	0
MONTGOMERY	2,500	59	236	14	0	11	0	0
MULLENS	2,540	18	71	9	0	0	0	0
PADEN CITY	3,480	30	86	11	0	8	1	3
PHILIPPI	2,950	79	268	17	0	9	1	3
RANSON	2,840	104	366	24	0	11	4	14
RAVENSWOOD	3,630	45	124	11	0	18	0	0
RICHWOOD	3,140	33	105	12	1	2	0	0
RIPLEY	3,360	164	488	47	0	14	1	3
SHINNSTON	2,910	24	82	9	0	4	0	0
SPENCER	2,670	93	348	29	0	9	0	0
SUMMERSVILLE	3,150	111	352	52	1	27	1	3
WELCH	3,220	128	398	61	1	24	3	9
WELLSBURG	3,620	143	395	50	1	12	6	17
WHITE SULPHUR SPRINGS	3,300	34	103	9	0	8	0	0
WILLIAMSON	4,970	156	314	39	0	23	5	10
WILLIAMSTOWN	3,320	44	133	15	0	48	0	0
		2,285		707	4			

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 5,001 - 10,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BRIDGEPORT	6,560	149	227	48	0	32	2	3
BUCKHANNON	7,100	178	251	48	2	28	2	3
DUNBAR	9,020	384	426	129	1	35	5	6
ELKINS	8,020	271	338	107	0	26	7	9
GRAFTON	6,480	134	207	68	1	18	0	0
KEYSER	6,340	133	210	58	0	26	5	8
NEW MARTINSVILLE	7,010	197	281	76	0	14	7	10
NITRO	7,790	173	222	72	1	23	4	5
OAK HILL	7,290	136	187	62	0	13	2	3
PRINCETON	8,140	371	456	151	0	24	4	5
PT PLEASANT	5,200	163	313	69	0	30	1	2
WESTON	5,800	169	291	35	0	4	3	5
WESTOVER	5,030	110	219	53	1	18	1	2
		2,568		976	6			

*POPULATION - 1986 BUREAU OF CENSUS

1989 WEST VIRGINIA CRASH DATA
CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 10,001 - 25,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BECKLEY	19,560	656	335	386	1	30	6	3
BLUEFIELD	14,400	397	276	206	0	29	9	6
CLARKSBURG	19,960	392	196	128	3	7	3	2
FAIRMONT	22,260	849	381	345	1	30	12	5
MARTINSBURG	13,210	537	407	179	1	28	15	11
MOUNDSVILLE	11,590	305	263	119	0	22	4	3
SO CHARLESTON	14,990	719	480	293	0	42	11	7
ST ALBANS	12,010	326	271	144	1	29	7	6
VIENNA	11,370	215	189	97	0	46	7	6
WEIRTON	23,640	688	291	333	2	46	19	8
		5,084		2,228	9			

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 25,001 - 50,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
MORGANTOWN	26,840	1,350	503	383	4	39	38	14
PARKERSBURG	38,540	2,234	580	892	6	41	40	10
WHEELING	39,980	1,688	422	704	4	27	28	7
		5,272		1,979	14			

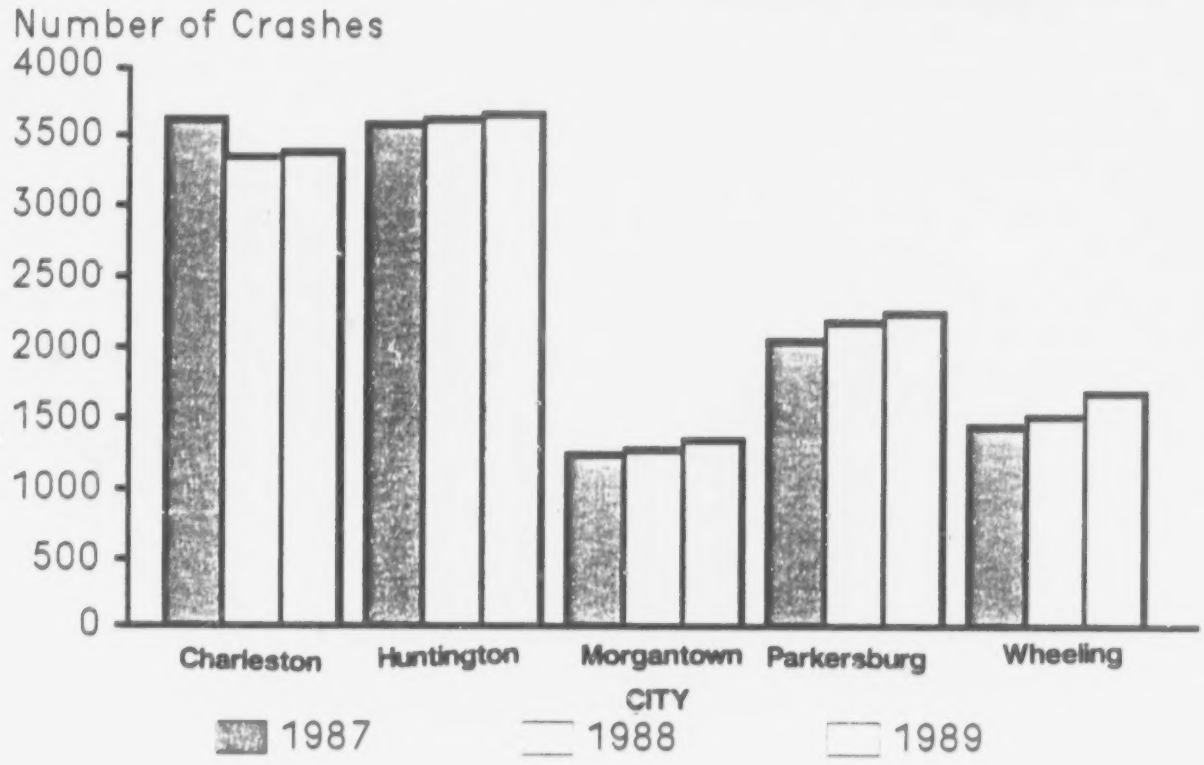
CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION OVER 50,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
CHARLESTON	57,920	3,373	582	1,216	17	34	70	12
HUNTINGTON	59,310	3,645	615	1,178	6	33	80	13
		7,018		2,394	23			

*POPULATION - 1986 BUREAU OF CENSUS

1989 WEST VIRGINIA CRASH DATA

CRASHES IN LARGEST CITIES



1989 West Virginia Crash Data*

*There were no fatalities resulting from Bicycle or Train Crashes in 1989

Fatal Crashes and Fatalities By Month

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
Total Fatal Crashes	34	32	36	38	25	35	38	36	45	34	36	26	**415**
Persons Killed	42	37	42	39	28	39	41	43	53	40	43	30	**477**
Persons Injured	41	33	39	45	37	34	54	36	79	41	33	30	**502**
Alcohol Related Crashes	10	14	12	13	10	18	20	15	17	16	15	5	**165**
Intersection Crashes	3	4	10	3	3	3	2	1	7	5	3	0	**44**
Pedestrian Crashes	5	3	5	6	1	1	3	4	3	2	4	1	**38**
Motorcycle Crashes	1	0	1	0	3	5	2	4	1	2	1	0	**20**
Semi Crashes	6	5	6	1	3	5	5	2	1	1	5	3	**43**

Fatal Crashes and Fatalities By Highway Classification

	Interstate	U.S.	W.V.	County	City	Other	Total
Total Fatal Crashes	48	103	162	82	14	6	**415**
Persons Killed	56	118	190	91	16	6	**477**
Alcohol Related Crashes	5	37	73	43	6	1	**165**
Intersection Crashes	0	24	14	1	5	0	**44**
Pedestrian Crashes	5	10	12	7	2	2	**30**
Motorcycle Crashes	1	2	8	6	1	2	**20**
Semi Crashes	15	18	8	1	0	1	**43**

1989 West Virginia
Crash Data
Total Persons Killed - 477
By County
HANCOCK 4
BROOKE 1
OHIO 10
MARSHALL 3
MONONGALIA 19
WETZEL 0
MARION 7
PRESTON 18
TYLER 3
PLEASANTS 1
16 TAYLOR 3
2 HARRISON
WOOD 12
RITCHIE 4
DODDRIDGE
BARBOUR 0
TUCKER 3
WIRT 2
LEWIS 4
GILMER 2
UPSHUR 4
RANDOLPH 7
9 JACKSON 14
CALHOUN 6
MASON
ROANE 5
BRAXTON 2
PUTNAM 17
CLAY 5
WEBSTER 3
CABELL 16
KANAWHA 55
NICHOLAS 15
POCAHONTAS 1
WAYNE 14
LINCOLN 4
BOONE 10
FAYETTE 10
GREENBRIER 8
LOGAN 13
RALEIGH 12
3
MINGO 13
WYOMING 6
SUMMERS
MONROE 5
MERCER 26
MCDOWELL 12
MORGAN 8
BERKELEY 15
JEFFERSON 13
MINERAL 4
14
HAMPSHIRE
GRANT 3
HARDY 7
PENDLETON 4

1989 WEST VIRGINIA CRASH DATA
FATAL CRASHES AND FATALITIES BY COUNTY

COUNTY	TOTAL FATAL CRASHES	PERSONS KILLED	ALCOHOL RELATED CRASHES	INTERSECTION CRASHES	BICYCLE CRASHES	PEDESTRIAN CRASHES	TRAIN CRASHES	MOTORCYCLE CRASHES	SEMI CRASHES
BERKELEY	15	15	4	4	0	1	0	2	1
BOONE	5	10	1	1	0	0	0	0	0
BRAXTON	2	2	1	1	0	0	0	0	0
BROOKE	1	1	0	1	0	0	0	0	0
CABELL	13	16	4	0	0	2	0	1	2
CALHOUN	4	6	1	0	0	0	0	0	1
CLAY	4	5	2	0	0	0	0	0	0
DODDRIDGE	2	2	0	1	0	0	0	0	0
FAYETTE	10	10	5	1	0	3	0	0	0
GILMER	2	2	1	0	0	0	0	0	0
GRANT	3	3	0	0	0	1	0	0	1
GREENBRIER	6	8	1	0	0	0	0	1	0
HAMPSHIRE	12	14	6	0	0	0	0	0	1
HANCOCK	4	4	2	0	0	0	0	0	1
HARDY	7	7	3	0	0	0	0	0	1
HARRISON	15	16	6	3	0	2	0	1	4
JACKSON	9	14	2	0	0	1	0	0	2
JEFFERSON	11	13	5	1	0	0	0	0	2
KANAWHA	48	55	20	7	0	8	0	3	6
LEWIS	4	4	1	0	0	0	0	0	0
LINCOLN	4	4	1	0	0	1	0	0	0
LOGAN	13	13	8	2	0	1	0	1	1
MCDOWELL	10	12	3	0	0	2	0	0	1
MARION	7	7	1	1	0	0	0	0	1
MARSHALL	3	3	0	1	0	0	0	1	0
MASON	9	9	3	0	0	0	0	0	3
MERCER	21	26	7	3	0	0	0	0	2
MINERAL	4	4	1	0	0	1	0	0	0
MINGO	11	13	5	0	0	0	0	2	2
MONONGALIA	18	19	9	1	0	4	0	3	1
MONROE	5	5	1	0	0	0	0	0	1
MORGAN	8	8	5	0	0	0	0	0	1
NICHOLAS	14	15	6	4	0	1	0	0	2
OHIO	7	10	3	2	0	1	0	0	2
PENDLETON	3	4	0	0	0	0	0	0	1
PLEASANTS	1	1	0	0	0	0	0	0	0
POCAHONTAS	1	1	1	0	0	0	0	0	0
PRESTON	13	18	5	2	0	0	0	0	0
PUTNAM	15	17	10	1	0	0	0	0	2
RALEIGH	11	12	6	1	0	0	0	2	1
RANDOLPH	4	7	2	1	0	0	0	0	0
RITCHIE	2	4	1	1	0	0	0	0	0
ROANE	4	5	1	0	0	0	0	0	0
SUMMERS	3	3	2	0	0	0	0	0	0
TAYLOR	3	3	1	0	0	0	0	0	0
TUCKER	3	3	0	1	0	1	0	0	0
TYLER	3	3	1	0	0	0	0	0	0
UPSHUR	4	4	3	0	0	2	0	0	0
WAYNE	13	14	5	2	0	3	0	0	1
WEBSTER	3	3	1	0	0	0	0	0	0
WIRT	2	2	2	0	0	0	0	0	0
WOOD	11	12	5	1	0	2	0	2	1
WYOMING	5	6	1	0	0	1	0	1	0
	415	477	165	44	0	38	0	20	43

WEST VIRGINIA FATAL CRASHES AND FATALITIES

JANUARY 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 1 TOTAL 1 KILLED	2 2 TOTAL 4 KILLED 1 ALCOHOL	3	4 1 TOTAL 1 KILLED	5	6	7 3 TOTAL 4 KILLED 1 ALCOHOL 1 PED
8	9	10 1 TOTAL 1 KILLED	11 2 TOTAL 3 KILLED 1 PED 1 SEMI	12 3 TOTAL 4 KILLED 1 SEMI	13 1 TOTAL 1 KILLED 1 SEMI	14 3 TOTAL 4 KILLED 1 ALCOHOL 1 INTSEC 1 SEMI
15 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED	16	17 4 TOTAL 4 KILLED 1 ALCOHOL 2 INTSEC 1 MCYCLE 1 SEMI	18 1 TOTAL 1 KILLED 1 ALCOHOL	19 1 TOTAL 1 KILLED 1 SEMI	20 1 TOTAL 1 KILLED 1 ALCOHOL	21 1 TOTAL 3 KILLED 1 ALCOHOL
22	23 2 TOTAL 2 KILLED	24	25	26	27 1 TOTAL 1 KILLED	28
29	30 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	31 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED				

	SUM
TOTAL FATAL CRASHES	34
PERSONS KILLED	42
ALCOHOL CRASHES	10
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	5
MOTORCYCLE CRASHES	1
SEMI CRASHES	6

WEST VIRGINIA FATAL CRASHES AND FATALITIES

FEBRUARY 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 4 TOTAL 4 KILLED 1 ALCOHOL 1 SEMI	2	3 1 TOTAL 2 KILLED 1 INTSEC 1 SEMI	4 1 TOTAL 1 KILLED 1 ALCOHOL
5 1 TOTAL 1 KILLED 1 ALCOHOL	6 1 TOTAL 1 KILLED 1 SEMI	7 1 TOTAL 1 KILLED	8	9	10 1 TOTAL 1 KILLED 1 ALCOHOL	11 3 TOTAL 6 KILLED 3 ALCOHOL 1 PED
12 2 TOTAL 3 KILLED 2 ALCOHOL 1 PED	13 2 TOTAL 2 KILLED	14 1 TOTAL 1 KILLED	15 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC	16 1 TOTAL 1 KILLED 1 ALCOHOL	17 1 TOTAL 1 KILLED 1 SEMI	18
19 1 TOTAL 1 KILLED	20 1 TOTAL 1 KILLED 1 INTSEC	21 1 TOTAL 1 KILLED 1 ALCOHOL	22	23 1 TOTAL 1 KILLED 1 ALCOHOL	24	25 1 TOTAL 1 KILLED 1 ALCOHOL
26 1 TOTAL 1 KILLED 1 INTSEC	27 1 TOTAL 1 KILLED 1 PED 1 SEMI	28 3 TOTAL 3 KILLED				

	SUM
TOTAL FATAL CRASHES	32
PERSONS KILLED	37
ALCOHOL CRASHES	14
INTERSECTION CRASHES	4
PEDESTRIAN CRASHES	3
MOTORCYCLE CRASHES	0
SEMI CRASHES	5

WEST VIRGINIA FATAL CRASHES AND FATALITIES

MARCH 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 2 TOTAL 2 KILLED 1 PED	3 1 TOTAL 1 KILLED 1 INTSEC 1 SEMI	4 4 TOTAL 4 KILLED 2 INTSEC 1 MCYCLE
5 2 TOTAL 2 KILLED 2 ALCOHOL 1 INTSEC	6	7	8	9 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	10 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	11
12	13 1 TOTAL 1 KILLED	14	15	16 1 TOTAL 1 KILLED 1 INTSEC 1 SEMI	17 1 TOTAL 1 KILLED 1 PED	18 3 TOTAL 4 KILLED 1 ALCOHOL
19 1 TOTAL 1 KILLED	20 1 TOTAL 2 KILLED 1 INTSEC 1 PED 1 SEMI	21 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	22 3 TOTAL 3 KILLED 1 INTSEC	23	24	25 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC
26 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC 1 SEMI	27 1 TOTAL 1 KILLED 1 PED	28	29 2 TOTAL 5 KILLED 2 ALCOHOL	30 2 TOTAL 2 KILLED 2 ALCOHOL 1 PED	31 1 TOTAL 2 KILLED	

	SUM
TOTAL FATAL CRASHES	36
PERSONS KILLED	42
ALCOHOL CRASHES	12
INTERSECTION CRASHES	10
PEDESTRIAN CRASHES	5
MOTORCYCLE CRASHES	1
SEMI CRASHES	6

WEST VIRGINIA FATAL CRASHES AND FATALITIES

APRIL 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 2 TOTAL 2 KILLED 1 ALCOHOL
2 1 TOTAL 1 KILLED 1 PED	3	4 2 TOTAL 2 KILLED	5 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED	6 1 TOTAL 1 KILLED	7 2 TOTAL 2 KILLED 1 INTSEC	8 4 TOTAL 4 KILLED 2 ALCOHOL 1 PED
9 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	10 1 TOTAL 1 KILLED 1 PED	11	12	13 2 TOTAL 3 KILLED 1 ALCOHOL 1 SEMI	14 1 TOTAL 1 KILLED 1 ALCOHOL	15 2 TOTAL 2 KILLED 1 ALCOHOL
16 1 TOTAL 1 KILLED 1 ALCOHOL	17	18 1 TOTAL 1 KILLED	19 1 TOTAL 1 KILLED 1 PED	20 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	21 1 TOTAL 1 KILLED	22 3 TOTAL 3 KILLED 1 INTSEC
23 2 TOTAL 2 KILLED 2 ALCOHOL	24	25 1 TOTAL 1 KILLED	26	27	28 1 TOTAL 1 KILLED	29 2 TOTAL 2 KILLED 1 ALCOHOL
30 1 TOTAL 1 KILLED						

	SUM
TOTAL FATAL CRASHES	38
PERSONS KILLED	39
ALCOHOL CRASHES	13
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	6
MOTORCYCLE CRASHES	0
SEMI CRASHES	1

WEST VIRGINIA FATAL CRASHES AND FATALITIES

MAY 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3 1 TOTAL 1 KILLED	4	5 1 TOTAL 1 KILLED 1 INTSEC	6
7 2 TOTAL 3 KILLED 2 ALCOHOL	8	9	10	11	12	13 5 TOTAL 6 KILLED 3 ALCOHOL 1 INTSEC 2 MCYCLE
14 1 TOTAL 2 KILLED 1 ALCOHOL	15	16	17 1 TOTAL 1 KILLED 1 MCYCLE	18 2 TOTAL 2 KILLED 1 INTSEC 1 SEMI	19 1 TOTAL 1 KILLED 1 PED	20
21 1 TOTAL 1 KILLED 1 SEMI	22	23 1 TOTAL 1 KILLED 1 ALCOHOL	24	25 3 TOTAL 3 KILLED 1 SEMI	26 1 TOTAL 1 KILLED 1 ALCOHOL	27
28	29 2 TOTAL 2 KILLED 1 ALCOHOL	30 3 TOTAL 3 KILLED 1 ALCOHOL	31			

	SUM
TOTAL FATAL CRASHES	25
PERSONS KILLED	28
ALCOHOL CRASHES	10
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	3
SEMI CRASHES	3

WEST VIRGINIA FATAL CRASHES AND FATALITIES

JUNE 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3 2 TOTAL 2 KILLED 1 ALCOHOL
4 2 TOTAL 2 KILLED 2 ALCOHOL	5 1 TOTAL 1 KILLED	6	7 1 TOTAL 1 KILLED	8 1 TOTAL 1 KILLED	9 2 TOTAL 2 KILLED	10 1 TOTAL 1 KILLED 1 INTSEC
11 1 TOTAL 1 KILLED 1 ALCOHOL	12 1 TOTAL 1 KILLED 1 SEMI	13 1 TOTAL 1 KILLED	14 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	15 2 TOTAL 2 KILLED 2 ALCOHOL	16	17 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED
18	19 1 TOTAL 1 KILLED 1 ALCOHOL	20	21 1 TOTAL 1 KILLED 1 ALCOHOL	22 2 TOTAL 4 KILLED 2 ALCOHOL 1 MCYCLE	23 4 TOTAL 5 KILLED 1 ALCOHOL 2 SEMI	24 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE
25 1 TOTAL 1 KILLED 1 ALCOHOL	26 2 TOTAL 2 KILLED 1 ALCOHOL 2 MCYCLE	27 2 TOTAL 2 KILLED 1 ALCOHOL 2 INTSEC 1 SEMI	28 1 TOTAL 2 KILLED	29 2 TOTAL 2 KILLED 1 ALCOHOL 1 MCYCLE	30	

	SUM
TOTAL FATAL CRASHES	35
PERSONS KILLED	39
ALCOHOL CRASHES	18
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	5
SEMI CRASHES	5

WEST VIRGINIA FATAL CRASHES AND FATALITIES

JULY 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 3 TOTAL 5 KILLED
2 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	3 1 TOTAL 1 KILLED 1 ALCOHOL	4 1 TOTAL 1 KILLED	5 2 TOTAL 2 KILLED 2 ALCOHOL 1 MCYCLE	6 1 TOTAL 1 KILLED 1 ALCOHOL	7	8 2 TOTAL 2 KILLED 2 ALCOHOL
9 1 TOTAL 1 KILLED 1 INTSEC 1 SEMI	10 2 TOTAL 3 KILLED 1 ALCOHOL	11 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED 1 SEMI	12 2 TOTAL 2 KILLED 1 ALCOHOL	13	14 1 TOTAL 1 KILLED 1 ALCOHOL	15 2 TOTAL 2 KILLED 1 ALCOHOL 1 MCYCLE 1 SEMI
16	17 1 TOTAL 1 KILLED 1 ALCOHOL	18 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 PED 1 SEMI	19 1 TOTAL 1 KILLED	20 1 TOTAL 1 KILLED	21 1 TOTAL 1 KILLED 1 ALCOHOL	22
23 1 TOTAL 1 KILLED 1 ALCOHOL	24	25	26	27 2 TOTAL 2 KILLED 1 ALCOHOL	28	29 1 TOTAL 1 KILLED
30 4 TOTAL 4 KILLED 3 ALCOHOL 1 SEMI	31 1 TOTAL 1 KILLED					

	SUM
TOTAL FATAL CRASHES	38
PERSONS KILLED	41
ALCOHOL CRASHES	20
INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	3
MOTORCYCLE CRASHES	2
SEMI CRASHES	5

WEST VIRGINIA FATAL CRASHES AND FATALITIES

AUGUST 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	2	3 1 TOTAL 1 KILLED 1 ALCOHOL	4 1 TOTAL 1 KILLED 1 ALCOHOL	5 3 TOTAL 4 KILLED 3 ALCOHOL 2 MCYCLE
6	7	8	9	10 1 TOTAL 1 KILLED 1 MCYCLE	11 6 TOTAL 6 KILLED 1 ALCOHOL 3 PED 1 SEMI	12
13	14 3 TOTAL 4 KILLED 1 ALCOHOL	15 5 TOTAL 7 KILLED	16	17	18 2 TOTAL 2 KILLED 1 ALCOHOL	19 1 TOTAL 1 KILLED
20 1 TOTAL 1 KILLED 1 ALCOHOL	21	22	23	24 2 TOTAL 4 KILLED 1 SEMI	25 1 TOTAL 1 KILLED	26 3 TOTAL 3 KILLED 3 ALCOHOL
27 1 TOTAL 1 KILLED 1 PED	28 4 TOTAL 5 KILLED 2 ALCOHOL 1 MCYCLE	29	30	31		

	SUM
TOTAL FATAL CRASHES	36
PERSONS KILLED	43
ALCOHOL CRASHES	15
INTERSECTION CRASHES	1
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	4
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

SEPTEMBER 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 6 TOTAL 7 KILLED 1 ALCOHOL 1 PED	2 3 TOTAL 3 KILLED 3 ALCOHOL 1 INTSEC
3 1 TOTAL 1 KILLED 1 ALCOHOL	4	5 1 TOTAL 1 KILLED 1 ALCOHOL	6	7	8 2 TOTAL 2 KILLED 1 MCYCLE	9 3 TOTAL 5 KILLED 1 ALCOHOL 1 INTSEC
10 1 TOTAL 1 KILLED 1 ALCOHOL	11 1 TOTAL 1 KILLED 1 ALCOHOL	12 1 TOTAL 1 KILLED	13 1 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 PED 1 SEMI	14 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC	15 3 TOTAL 4 KILLED 1 INTSEC	16 1 TOTAL 1 KILLED
17 2 TOTAL 3 KILLED	18 1 TOTAL 1 KILLED	19	20	21 2 TOTAL 4 KILLED 1 ALCOHOL	22 5 TOTAL 5 KILLED 1 ALCOHOL	23 2 TOTAL 2 KILLED
24 1 TOTAL 1 KILLED 1 ALCOHOL	25 2 TOTAL 2 KILLED 1 INTSEC	26	27 1 TOTAL 1 KILLED 1 ALCOHOL	28	29 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 PED	30 1 TOTAL 1 KILLED 1 ALCOHOL

	SUM
TOTAL FATAL CRASHES	45
PERSONS KILLED	53
ALCOHOL CRASHES	17
INTERSECTION CRASHES	7
PEDESTRIAN CRASHES	3
MOTORCYCLE CRASHES	1
SEMI CRASHES	1

WEST VIRGINIA FATAL CRASHES AND FATALITIES

OCTOBER 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED	2	3 1 TOTAL 1 KILLED	4 1 TOTAL 1 KILLED 1 ALCOHOL	5 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED 1 SEMI	6 2 TOTAL 4 KILLED	7 2 TOTAL 2 KILLED 2 ALCOHOL 1 INTSEC
8	9	10	11 2 TOTAL 2 KILLED 1 INTSEC	12	13	14 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 MCYCLE
15 2 TOTAL 3 KILLED 2 ALCOHOL 1 INTSEC	16 1 TOTAL 1 KILLED	17 1 TOTAL 1 KILLED 1 INTSEC	18	19	20 1 TOTAL 1 KILLED	21 3 TOTAL 4 KILLED 2 ALCOHOL
22 2 TOTAL 2 KILLED 2 ALCOHOL	23 1 TOTAL 1 KILLED	24 1 TOTAL 1 KILLED 1 ALCOHOL	25 1 TOTAL 1 KILLED	26 1 TOTAL 1 KILLED	27 4 TOTAL 6 KILLED 2 ALCOHOL 1 MCYCLE	28
29	30	31 1 TOTAL 1 KILLED 1 ALCOHOL				

	SUM
TOTAL FATAL CRASHES	54
PERSONS KILLED	40
ALCOHOL CRASHES	16
INTERSECTION CRASHES	5
PEDESTRIAN CRASHES	2
MOTORCYCLE CRASHES	2
SEMI CRASHES	1

WEST VIRGINIA FATAL CRASHES AND FATALITIES

NOVEMBER 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC 1 SEMI	3 1 TOTAL 1 KILLED 1 ALCOHOL	4
5 1 TOTAL 1 KILLED 1 PED	6 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	7 3 TOTAL 3 KILLED 1 SEMI	8 1 TOTAL 1 KILLED 1 ALCOHOL	9 2 TOTAL 2 KILLED 1 PED 1 SEMI	10 1 TOTAL 1 KILLED 1 PED	11 2 TOTAL 3 KILLED 2 ALCOHOL
12 2 TOTAL 3 KILLED 1 ALCOHOL 1 PED	13 1 TOTAL 1 KILLED 1 ALCOHOL	14	15	16	17 2 TOTAL 2 KILLED 2 ALCOHOL	18 4 TOTAL 4 KILLED 3 ALCOHOL 1 SEMI
19 1 TOTAL 1 KILLED	20 1 TOTAL 1 KILLED	21	22 3 TOTAL 3 KILLED 1 ALCOHOL	23	24 1 TOTAL 1 KILLED	25
26 1 TOTAL 3 KILLED 1 INTSEC	27 1 TOTAL 1 KILLED 1 SEMI	28 2 TOTAL 2 KILLED 1 INTSEC	29 2 TOTAL 5 KILLED 1 ALCOHOL	30		

	SUM
TOTAL FATAL CRASHES	36
PERSONS KILLED	43
ALCOHOL CRASHES	15
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	1
SEMI CRASHES	5

WEST VIRGINIA FATAL CRASHES AND FATALITIES

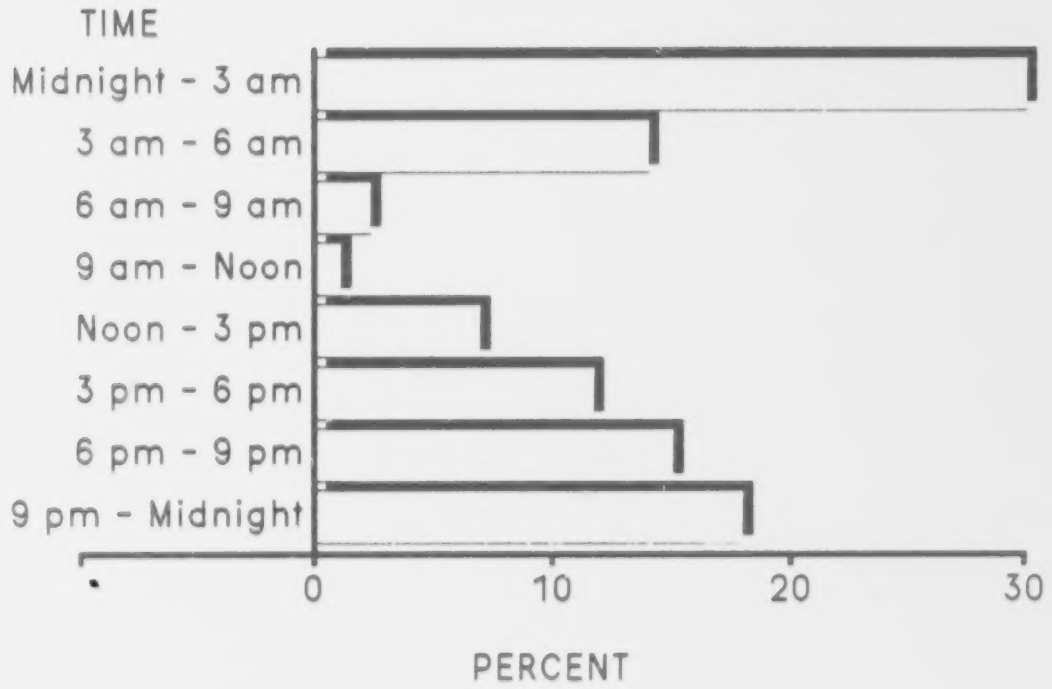
DECEMBER 1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 1 TOTAL 1 KILLED	2 1 TOTAL 1 KILLED 1 ALCOHOL
3 2 TOTAL 2 KILLED 1 ALCOHOL	4 1 TOTAL 1 KILLED	5 1 TOTAL 2 KILLED 1 ALCOHOL	6 1 TOTAL 1 KILLED	7 1 TOTAL 1 KILLED 1 PED	8	9 1 TOTAL 1 KILLED
10 1 TOTAL 1 KILLED 1 ALCOHOL	11	12 1 TOTAL 1 KILLED 1 SEMI	13	14	15	16 2 TOTAL 2 KILLED
17	18 1 TOTAL 1 KILLED	19	20	21 2 TOTAL 2 KILLED 1 SEMI	22 1 TOTAL 1 KILLED 1 ALCOHOL	23 3 TOTAL 3 KILLED 1 SEMI
24	25	26 2 TOTAL 5 KILLED	27 1 TOTAL 1 KILLED	28	29 2 TOTAL 2 KILLED	30 1 TOTAL 1 KILLED
31						

	SUM
TOTAL FATAL CRASHES	26
PERSONS KILLED	30
ALCOHOL CRASHES	5
INTERSECTION CRASHES	0
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	0
SEMI CRASHES	3

1989 WEST VIRGINIA CRASH DATA

ALCOHOL RELATED DRIVERS IN FATAL CRASHES BY TIME OF DAY



1989 WEST VIRGINIA CRASH DATA
ALCOHOL INVOLVEMENT IN FATAL CRASHES
BY DRIVER AGE

TABLE OF AGE BY ALCOHOL

AGE FREQUENCY PERCENT	ALCOHOL YES	NO	TOTAL
15 AND YOUNGER	0 0.00	2 0.33	2 0.33
16 TO 17	10 1.63	25 4.08	35 5.72
18 TO 20	25 4.08	51 8.33	76 12.42
21 TO 24	26 4.25	50 8.17	76 12.42
25 TO 34	59 9.64	98 16.01	157 25.65
35 TO 54	41 6.70	136 22.22	177 28.92
55 AND OLDER	10 1.63	79 12.91	89 14.54
TOTAL	171 27.94	441 72.06	612 100.00

FREQUENCY MISSING = 29

ALCOHOL RELATED DRIVERS IN FATAL CRASHES
BY TIME OF DAY

TIME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MIDNIGHT - 3 AM	52	30.4	52	30.4
3 AM - 6 AM	24	14.0	76	44.4
6 AM - 9 AM	4	2.3	80	46.8
9 AM - NOON	2	1.2	82	48.0
NOON - 3 PM	12	7.0	94	55.0
3 PM - 6 PM	20	11.7	114	66.7
6 PM - 9 PM	26	15.2	140	81.9
9 PM - MIDNIGHT	31	18.1	171	100.0

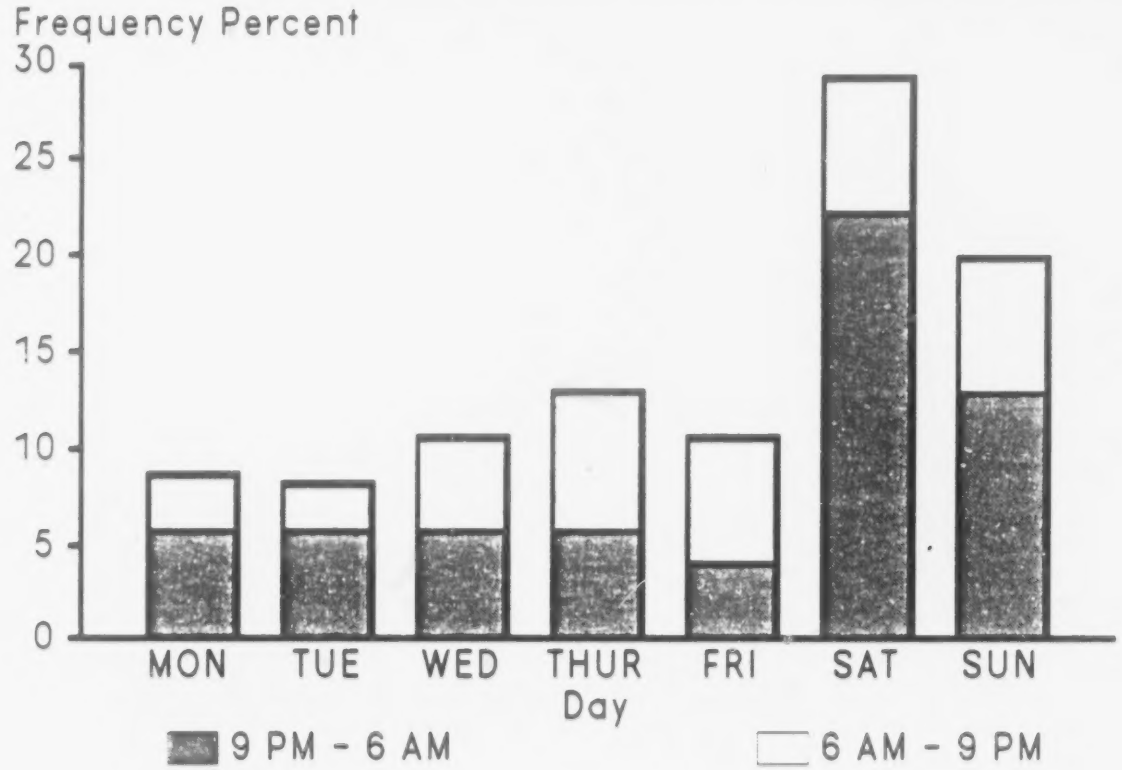
ALCOHOL RELATED DRIVERS IN FATAL CRASHES
BY TIME

TABLE OF DAY BY TIME

DAY FREQUENCY PERCENT	TIME 9PM-6AM	6AM-9PM	TOTAL
MONDAY	10 5.85	5 2.92	15 8.77
TUESDAY	10 5.85	4 2.34	14 8.19
WEDNESDAY	10 5.85	8 4.68	18 10.53
THURSDAY	10 5.85	12 7.02	22 12.87
FRIDAY	7 4.09	11 6.43	18 10.53
SATURDAY	38 22.22	12 7.02	50 29.24
SUNDAY	22 12.87	12 7.02	34 19.88
TOTAL	107 62.57	64 37.43	171 100.00

1989 WEST VIRGINIA CRASH DATA

ALCOHOL RELATED DRIVERS IN FATAL CRASHES-TABLE OF DAY BY TIME



1989 WEST VIRGINIA CRASH DATA

ALCOHOL INVOLVEMENT IN FATAL CRASHES BY DRIVERS AGE 16-24